					DEPARTMENT	T OF NA	OF UTAH ATURAL RESO GAS AND M				AMENE	FO DED REPOR	RM 3		
		AP	PLICATION F	OR PERI	MIT TO DRILL					1. WELL NAME and N		Unit 8-32F			
										3. FIELD OR WILDCAT					
4. TYPE OF	WELL	DRILL NEW WELL	REENTEI	R P&A WEL	L DEEPEN	WELL () <u> </u>			5. UNIT or COMMUNI	GREATER		ENT NAM	1E	
	F OPERATOR	Oil	Well Co	albed Met	thane Well: NO					7. OPERATOR PHONE	RATHER				
	S OF OPERATOR	ND.	RESOLUTE NA	TURAL RE	SOURCES					9. OPERATOR E-MAI	303 534	1-4600			
	AL LEASE NUM	1675	5 Boradway Ste		nver, CO, 80202	PLUID.					n@resolu	teenergy.c	om		
	INDIAN, OR ST			- 1	-	DIAN 📵) STATE) FEE			OIAN 📵	STATE	(F	EE 💭	
13. NAME (OF SURFACE O	OWNER (if box 12 =	'fee')							14. SURFACE OWNE	R PHONE	(if box 12	= 'fee')		
15. ADDRE	SS OF SURFAC	CE OWNER (if box 1	12 = 'fee')							16. SURFACE OWNE	R E-MAIL	(if box 12	= 'fee')		
	ALLOTTEE OR	TRIBE NAME			NTEND TO COMM		PRODUCTION	N FROM		19. SLANT					
(if box 12	= 'INDIAN')	Navajo			CEN .		gling Applicati	on) NO		VERTICAL DI	RECTIONA	L F	ORIZONT	TAL 🔵	
20. LOCA	TION OF WELL			FOOTAG	SES	Q.	TR-QTR	SEC	TION	TOWNSHIP	R/	NGE	МЕ	ERIDIAN	
LOCATION	N AT SURFACE		201	6 FNL 19	928 FEL		SWNE	8	3	41.0 S	24	.0 E		S	
Top of Up	permost Prod	ucing Zone	201	6 FNL 19	928 FEL		SWNE	8	3	41.0 S	24	.0 E		S	
At Total [Depth		201	6 FNL 19	928 FEL		SWNE	8	3	41.0 S	24.0 E			S	
21. COUNT	Υ	SAN JUAN		22. D	ISTANCE TO NEA		EASE LINE (F 130	eet)		23. NUMBER OF ACR	ES IN DRI		т		
25. DISTANCE TO NEAREST WEI (Applied For Drilling or Comple							POOL		26. PROPOSED DEPT		TVD: 581	5			
27. ELEVATION - GROUND LEVEL 28. BOND						OND NUMBER				29. SOURCE OF DRIL WATER RIGHTS APPR			PPLICAB	LE	
		4600					11252				09-1				
01.1	11.1.01	0		147	Hole, Casing					0			V' . 1 1	387.1.1.4	
String	Hole Size	Casing Size	Length 0 - 90	Weight			Max Mu			Cement		Sacks	Yield	Weight	
COND	20 14.75	16	0 - 90	48.0	H-40 ST J-55 ST		8.3		Pren	Unknown nium Lite High Stre	nath	115 505	1.17	15.6	
John	14.70	10.73	0 1300	+0.0	0 33 61	<u> </u>	0		1 101	Type V	ilgui	175	1.18	15.6	
PROD	9.875	7	0 - 5435	26.0	J-55 LT	&C	8.3	3		50/50 Poz		765	1.41	13.1	
										Type V		175	1.18	15.6	
										50/50 Poz		620	1.41	13.1	
										Type V		50	1.18	15.6	
OPEN	6.125	0	0 - 5815	0.0	No Pipe U	Jsed	0.0	0		No Used		0	0.0	0.0	
					A	TTACH	HMENTS								
	VER	IFY THE FOLLOV	VING ARE AT	TACHED	IN ACCORDAN	ICE WI	TH THE UTA	AH OIL A	ND GAS	CONSERVATION G	ENERAI	RULES			
I ✓ WE	LL PLAT OR MA	AP PREPARED BY L	ICENSED SURV	EYOR OR	ENGINEER		сом	PLETE DR	RILLING PL	AN					
AFF	IDAVIT OF STA	TUS OF SURFACE (OWNER AGREE	MENT (IF F	FEE SURFACE)		FORM	/ 5. IF OPE	ERATOR IS	OTHER THAN THE L	EASE OW	NER			
DIR	ECTIONAL SUR	VEY PLAN (IF DIRE	ECTIONALLY O	R HORIZO	NTALLY DRILLED))	№ торо	GRAPHIC	AL MAP						
NAME Bria	an Wood				TITLE Consulta	ınt			PHONE 5	505 466-8120					
SIGNATUR	RE				DATE 02/17/20	012			EMAIL bi	rian@permitswest.com	1				
	er assigned 37500250	000			APPROVAL				E	11/1320cc					
									Pe	ermit Manager					

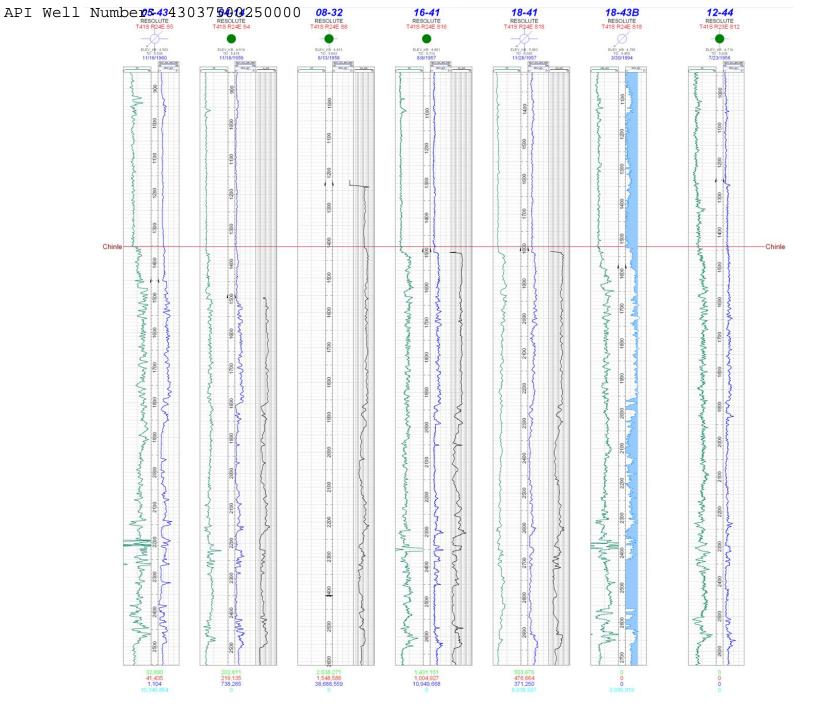
The Top Chinle listed on the Ratherford Unit 8-32R APD was found to be erroneous based on a review of log picks in the area, and should be revised from 1913' to 1410'.

The original estimate for the Top Chinle provided on the RU 8-32R APD appears to have been based on an anomalous pick (source unknown) in the nearby RU 9-12. However, a quick comparison of this top to verified picks in the surrounding region showed the Chinle top in the 9-12 to be about 500' deeper than nearby tops and prompted further investigation.

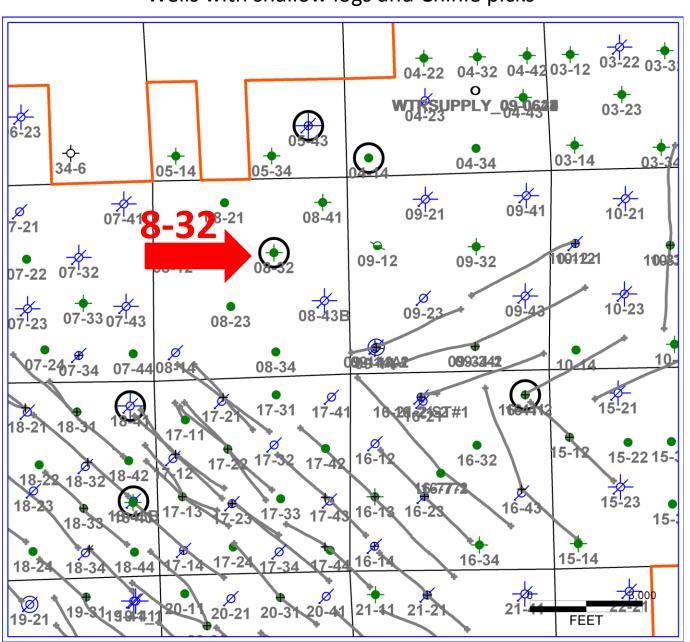
The Chinle is most reliably picked based on the gamma ray curve; unfortunately, none of the wells in Section 8 have gamma ray data covering the shallow formations. However, induction logs were run in the shallow portion of the original 8-32 wellbore. Though induction data are less reliable for correlation of the Chinle top, a few deeper markers can be correlated and a reasonably accurate estimate for the Top Chinle obtained using the induction log.

Induction data from the 8-32 (black curve; see cross section next page) was correlated to induction data in nearby wells for which this data was available. Correlation wells also contained gamma ray (green curve) and neutron (blue curves) data that could in turn be correlated to wells in the region that had been thoroughly researched and established as Chinle type logs.

The Chinle top in the 8-32 may be represented by a slight deflection in the induction curve at around 1410'. It is difficult to verify this pick, since offset wells were cased below the top of the Chinle and thus do not have induction data across this interval. However, log markers between 1850'-2500' MD in the 8-32 correlate well to offset logs and support and estimate of around 1410' for the Top Chinle in this well.



Wells with shallow logs and Chinle picks



API Well Number: 43037500250000

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well.

Use Form 3160-3 (APD) for such proposals.

Bold* fields are required.

Section 1 - Completed by Operator							
1. BLM Office*	2. Well Type*						
Indian Farmington, NM	OIL						
3. Submission Type*	4. Action*						
Notice of Intent	Change to Original APD						
Subsequent Report							
Final Abandonment Notice							
Operating Comp	pany Information						
5. Company Name* RESOLUTE NATURAL RESOURCES							
6. Address*	7. Phone Number*						
1675 BROADWAY SUITE 1950	303-534-4600						
DENEVR CO 80202							
Administrative Co	ontact Information						
8. Contact Name*	9. Title*						
DWIGHT _ MALLORY	EH&S COORDINATOR						
10. Address*	11. Phone Number*						
1675 BROADWAY SUITE 1950	303-573-4886 1165						
DENVER CO 80202	12. Mobile Number						
DENVER CO 80202	970-302-8620						
13. E-mail*	14. Fax Number						
dmallory@resoluteenergy.com	303-623-3628						
Technical Cont	act Information						
Check here if Technical Contact is the same as Adr	ninistrative Contact.						
15. Contact Name*	16. Title*						
DONNIE _ TRIMBLE	DRILLING & MAINTENANCE MANAGER						
17. Address*	18. Phone Number*						
23429 COUNTY ROAD G	970-564-5200 2120						
CORTEZ CO 81321	19. Mobile Number						
CORTEZ CO 81321	970-371-6753						
20. E-mail*	21. Fax Number						
dtrimble@resoluteenergy.com	970-564-5234						

Lease and Agreement								
22. Lease Serial Number* 1420603368								
24. If Unit or CA/Agreement, Name and/or Number RATHERFORD UNIT	25. Field and Pool, or Exploratory Area* GREATER ANETH							

County and State for Well

26. County or Parish, State*

SAN JUAN UT

Associated Well Information

- 27. Specify well using one of the following methods:
- a) Well Name, Well Number, API Number, Section, Township, Range, Qtr/Qtr, N/S Footage, E/W Footage
- b) Well Name, Well Number, API Number, Latitude, Longitude, Metes & Bounds description

b) Well Name, Well Number, API Number, Latitude, Longitude, Metes & Bounds description								
Well Name*		Well Number*	API Number					
RATHERFORD UNIT		8-32R	43-037-50025					
Section 8	Township	Range	Meridian					
	41S	24E	SALT LAKE BASIN					
Qtr/Qtr	N/S Footage		E/W Footage					
SWNE	2016 FNL		1928 FEL					
Latitude	Longitude	Metes and Bounds						

28. Describe Proposed or Completed Operation

Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all markers and zones. Attach the Bond under which the work will be performed or provide the Bond Number on file pertinent with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Resolute is revising the anticipated top listed for the Chinle in the original APD from 1,913' GL to 1,410' GL and proposes to revise the surface casing set depth from 1,963'GL to 1,460'GL.

Supporting documentation for this change is attached.

API Well Number: 4303750025000	00	
1		
I hereby certify that the foregoing is true an		
29. Name* DWIGHT _ MALLORY	30. Titl EH&S	e COORDINATOR
31. Date* (MM/DD/YYYY)		nature*
04/03/2012 Today		e the ability to sign this form only if a SmartCard or ertificate has been issued to you.
	*	Signed
Title 18 U.S.C. Section 1001 and Title 43 U	J.S.C. Section 1212,	make it a crime for any person knowingly and
willfully to make to any department or agent or representations as to any matter within it		ates any false, fictitious or fraudulent statements
of representations as to any matter within it	s jurisdiction.	
Section 2	- System Receipt	Confirmation
33. Transaction	34. Date Sent	35. Processing Office
		<u> </u>
Section	3 - Internal Revie	w #1 Status
36. Review Category	37. Date Complete	d 38. Reviewer Name
39. Comments		
Section	4 - Internal Revie	w #2 Status
40. Review Category		
	41. Date Complete	· · · · = ~ · · · · · · ·
	41. Date Complete	
43. Comments	41. Date Complete	
	41. Date Complete	
	41. Date Complete	
43. Comments	41. Date Complete 5 - Internal Revie 45. Date Complete	d 42. Reviewer Name w #3 Status

47. Comments

Section 6 - Internal Review #4 Status									
48. Review Category	49. Date Completed	50. Reviewer Name							
51. Comments									

Section 7 - Final Approval Status										
53. Date Completed	54. Reviewer Name	55. Reviewer Title								

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard local area, or regional procedures and practices, either are shown below will be issued by, or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 27 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 28 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed

API Well Number: 43037500250000

the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0135), Bureau Information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., LS, Washington D.C. 20240



SCALE: 1" = 1000' P.O. BOX 3651

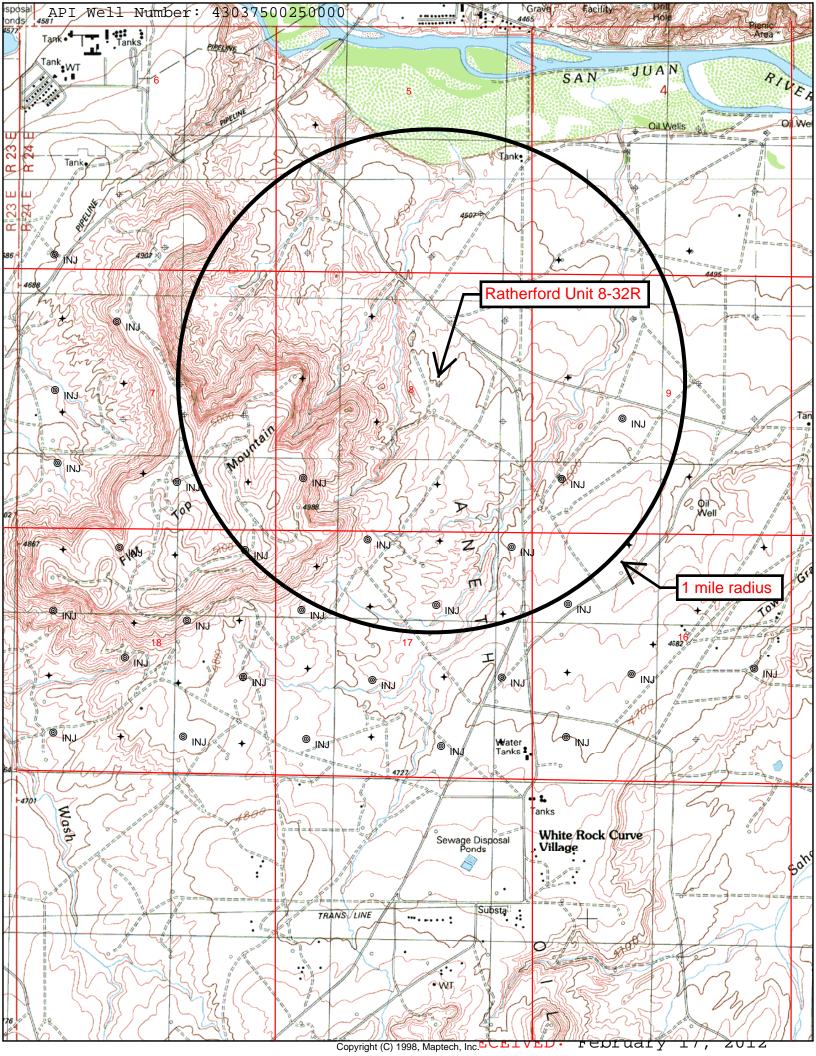
FARMINGTON, N.M. JOB No. 9895

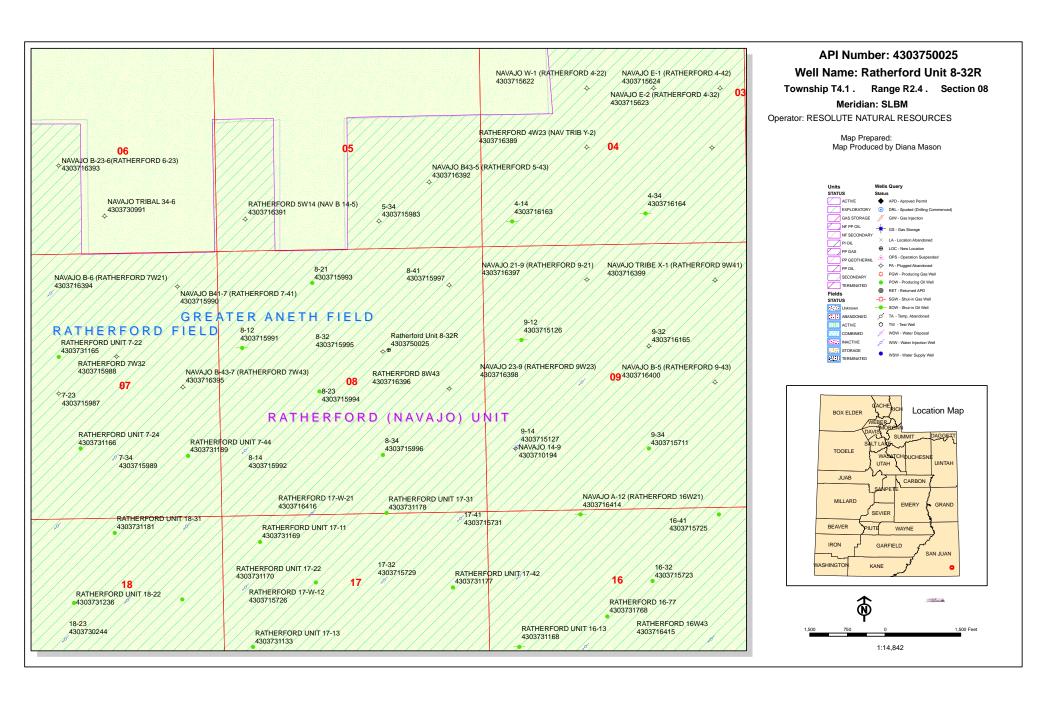
(505) 334-0408 DATE: 1/31/11

PLAT OF PROPOSED WELL LOCATION **FOR** RESOLUTE NATURAL RESOURCES COMPANY

EXHIBIT?

2016' F/NL & 1928' F/EL, SECTION 8, T. 41 S, R. 24 E, SALT LAKE MERIDIAN SAN JUAN COUNTY, UTAH





API Well Number: 43037500250000

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 2/17/2012 API NO. ASSIGNED: 43037500250000

WELL NAME: Ratherford Unit 8-32R

OPERATOR: RESOLUTE NATURAL RESOURCES (N2700) PHONE NUMBER: 505 466-8120

CONTACT: Brian Wood

PROPOSED LOCATION: SWNE 08 410S 240E Permit Tech Review:

> SURFACE: 2016 FNL 1928 FEL **Engineering Review:**

> **BOTTOM: 2016 FNL 1928 FEL** Geology Review:

COUNTY: SAN JUAN

LATITUDE: 37.23852 LONGITUDE: -109.30288 **UTM SURF EASTINGS: 650536.00** NORTHINGS: 4122682.00

FIELD NAME: GREATER ANETH LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-603-368 PROPOSED PRODUCING FORMATION(S): DESERT CREEK

SURFACE OWNER: 2 - Indian **COALBED METHANE: NO**

RECEIVED AND/OR REVIEWED: LOCATION AND SITING:

✓ PLAT R649-2-3.

Unit: RATHERFORD Bond: INDIAN - B001252

Potash R649-3-2. General

Oil Shale 190-5

Oil Shale 190-3 R649-3-3. Exception

Oil Shale 190-13 **Drilling Unit**

Board Cause No: Cause 152-06 Water Permit: 09-1428

Effective Date: 7/6/1998 **RDCC Review:**

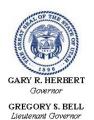
Siting: Suspends General Siting Fee Surface Agreement

✓ Intent to Commingle R649-3-11. Directional Drill

Commingling Approved

Comments: Presite Completed

3 - Commingling - ddoucet 4 - Federal Approval - dmason Stipulations:



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Ratherford Unit 8-32R

API Well Number: 43037500250000 **Lease Number:** 14-20-603-368

Surface Owner: INDIAN Approval Date: 5/24/2012

Issued to:

RESOLUTE NATURAL RESOURCES, 1675 Boradway Ste 1950, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 152-06. The expected producing formation or pool is the DESERT CREEK Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Commingle:

In accordance with Board Cause No. 63, commingling of the production from the Lower Ismay formation and the Desert Creek formation in this well is allowed.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
 - Requests to Change Plans (Form 9) due prior to implementation
 - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
 - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AND MIR	NING			EDESIGNATION AND SERIAL NUMBER: 0-603-368
SUNDRY	NOTICES AND REPORTS	ON WEL	LS	1	ian, allottee or tribe name: jo Nation
Do not use this form for proposals to drill n	ew wells, significantly deepen existing wells below curr	rent bottom-hole den	th, reenter plugged wells, or to	7. UNIT	or CA AGREEMENT NAME:
drill horizontal la	aterals. Use APPLICATION FOR PERMIT TO DRILL fo	orm for such proposa	ls.		erford NAME and NUMBER:
OIL WELL	GAS WELL OTHER_	***			erford Unit 8-32R
2. NAME OF OPERATOR: Resolute Natural Resource	AC			9. API N	MBER: 750025
3. ADDRESS OF OPERATOR:			PHONE NUMBER:		D AND POOL, OR WILDCAT:
	Y Denver STATE CO ZIP	80202	(303) 573-4886	Grea	iter Aneth
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2016 F	FNL, 1928 FEL			COUNTY	: San Juan
QTR/QTR, SECTION, TOWNSHIP, RAN				STATE:	UTAH
	ROPRIATE BOXES TO INDICAT			ORT, OR	OTHER DATA
TYPE OF SUBMISSION	ACIDIZE		YPE OF ACTION	 	
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN FRACTURE	TREAT		REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONS		_	TEMPORARILY ABANDON
4/2/2012	CHANGE TO PREVIOUS PLANS	OPERATOR			TUBING REPAIR
	CHANGE TUBING	PLUG AND	ABANDON		VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACH	(WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTI	ON (START/RESUME)		WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE		OTHER:
	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION		
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all p	ertinent details in	cluding dates, depths, volun	nes, etc.	
Resolute Natural Resourc	es submits that well was spud on	April 2, 201	2.		
NAME (PLEASE PRINT) Sherry Gl	ass	TIT	_sr. Regulatory 1	Technicia	an
SIGNATURE (ddwy	- Hlass	DA ⁻	4/5/2012		
<u> </u>					

(This space for State use only)

RECEIVED APR 1 1 2012

Daily Activity Report

Wall	Namo:	Ratherfo	rd II	0832B
AAGII	ivallie.	Rauleiio	ıu u	UOJZK

API Number 43037500250000		Section 8	Township 41S	Range 24E	Field Name		County	-	State/Province	•	Wellbore Config	
Ground Elevation (ft)	Casing I		levation (ft)	KB-Ground D	Ratherford	KB-Casing Flange Dis	San Juar	Well Spud Date/Time	Utah	Rig Release D	Vertical Date/Time	
4,613.00		ŭ			0.00	J				ing / tolocoo L		
Job Category		3.000.000	Primary Job Typ	e		Secondary Job Type				12.0		
Drilling			Drilling - re-	entry								
Start Date	2042		End Date	,		AFE Number		400446				
Objective 47 372	2012			***************************************				100110	102			
The Ratherford Uni reserves. The prim	t Team recom	mend the DC	s re-drilling a :-IIC subzone	vertical we with additi	ell, the 8-32R, c onal upside in t	ompleting entire w he Lower Ismay, [vellbore, a DC-IC, D0	and producing pr C-IIA, DC-IIB & D	imary, seco C-III.	ndary & e	ventually tertiary	
Contractor					Rig Number		Rig Type		***************************************			
DJ Drilling Report Start Date	Report End Date		Operations Summ			1						
2/15/2012	2/15/201		•	•	wer pole for loc	ation prep						
	Report End Date		Operations Summ	nary	•	<u>-</u>					-	
2/17/2012	2/17/201		Anchors to 25	5K, test oka		cured the power p narker and 4 Anch		location was pr	ep for drillir	ig, MOTE	set and test 4	
Report Start Date 4/1/2012	Report End Date 4/2/2012		Operations Summ		t from Datherfo	rd 20-22H to local	tion miru	ria 9 anot oquinn	aant raioo	dorrick 6	3 1100 bra mu	
4/1/2012	7/2/2012		20" flange & I BLM of spud	bell nipple, time on 4/2 ne to lined	rig up all lines 2/12 am weld u	to closed loop pits o 16" riser to rotat ople up of flow T to	s, fill stora ing head	ge & pits w/144(& flow T, ru gas l) bbls fresh ouster lines	h2o, notif , ru hcr va	ied Farmington live for diverter	
Dur ((hrs)						Comment					
			_			rd 20-22H to loca	tion					
		4.00	nu 20" flange	& bell nipp	nt, raised derric ble, rig up all lin d time on 4/2/1:	es to closed loop	pits, fill st	orage & pits w/1	440 bbls fre	esh h2o, n	otified	
		7.00	weld up 16" r	iser to rota	ting head & flow	v T, ru gas buster	lines, ru h	ncr valve for dive	rter & 6" bl	ooie line to	o lined pit	
		3.00	weld up 16" riser to rotating head & flow T, ru gas buster lines, ru hcr valve for diverter & 6" blooie line to lined pit complete nipple up of flow T to shakers									
5 101 15	5 (5 15)				e, rack out & ta	lly drill collars & d	rill pipe bl	na				
Report Start Date 4/2/2012	Report End Date 4/3/2012		Operations Sumn		lare & drillning	Pu & mu Reed 14	1 3/4" Mov	IN DSD716M.D	S 7 blada D	DC bit o/r	222220 instead	
			bit, 135 rpm (- 339' w/8 pts survey @ 39d degree drill 6 135 rpm @ b hole, drill 915 lower wob to rtns 8.4# fluic screens plug:	@ bit, total on bit 135 0' 1 degree 08'- 761' w it ran wl su 5' - 1006', to 7 pts w/14 d, continue ged off on	4-8" dc in hole prom @ bit ran a drill 497' - 608 //10 pts on bit, 1 wrey @ 843' 2 botal bha in hole 4 rpm @ bit drilling and addshakers lost flu	o on hole, 135 rpr, start pu 6 1/2" dc w/survey @ 274' ' w/8 - 10 pts on b 35 rpm @ bit ran 1/4 degrees reduc bit, mtr, 4-8"dc, 2 I 1006' - 1080' w/6 I duo-vis @ 1ppb, id to roll off bin, pu 4 1/2" dp to 896' c	es change 1 degree it, 135 rpr wl survey ed wob to 0-6"dc & 4 6 - 7 pts o to mud u u off botto	out stripping ruk drill 339' - 497' v m @ bit, rop avg v @ 691' 1 1/2 de o 8 pts & increas 4-4 1/2" hvwt dp n bit, 144 rpm, w p system drill 10 m, sd pump, 1" 1	ober for 6 1. v/8 pts on b 90 fph ran egrees drill ed to 144 r ran wl surv vell flowing 80' - 1116' low from w	/2" dc & 4 pit, 135 rpr wl survey 761' - 915 pm @ bit t ey @ 937' water duri w/7 pts on ell, pump l	1/2" dp drill 248' m @ bit ran wl @ 541' 1 5' w/10 pts on bit to straighten '2 1/2 degrees, ng connection, t bit, 144 rpm,	
Dur	(hrs)						Comment					
					lars & drillpipe,	M D6 7 N-3- DD	Դ hit -/- 1	700000 :-4	101	14 40!- :	7.0/48.8103.4	
			straight dnho	le motor		M-B6 7 blade PD0		-				
			rpm @ bit			3 - 8" dc to tag @	<i>y</i> 95', anıı	out 1/95' - 155' v	//465 gpm 1	resn n2o	on noie, 135	
			ran wi survey			@ bit, total 4-8" d	o in holo	otart pu 6 1/2" d	20			
					ober for 6 1/2" o		c iii noie,	Start pu o 1/2 u	J-5		ļ	
			-	–	on bit 135 rpm (•					1	
			ran w/survey	•	,							
		1.25	drill 339' - 49	7' w/8 pts	on bit, 135 rpm	@ bit						
		0.50	ran wl survey	/ @ 390' 1	degree							
		1.75	drill 497' - 60	8' w/8 - 10	pts on bit, 135	rpm @ bit, rop av	g 90 fph					
			ran wl survey	_	-							
					on bit, 135 rpm	@ bit						
			ran wi survey	_	-	- (a) hit						
				•	s on bit 135 rpn	n (c) bit					İ	
			ran wl survey	_	•	11 rnm @ hit to -t	raightan b	nole drill 0451 4	nnet total t	sha in hala	hit mtr 1 04dc	
		2.00	20-6"dc & 4-			14 rpm @ bit to st	raignten f	iole, um 915 - 1	ooo, lotal (лка ін пов	; on, mu, 4-6°0C,	
,		0.50			•	wer wob to 7 pts v	w/144 rpn	a @ bit				

Daily Activity Report

Well Name: Ratherford U 0832R

	Ratherford U ()832R								
API Number 43037500250000	Section 8	Township 41S	Range 24E	Field Name Ratherford		County San Jua	n	State/Province Utah		Wellbore Config Vertical
Ground Elevation (ft)	Casing Flange El		KB-Ground D	istance (ft)	KB-Casing Flange [Well Spud Date/Tin		Rig Release I	1
4,613.00			L	0.00	1					
Dur	0.75 d 1 2.00 d	add duo-vis (drill 1080' - 11 pump, 1" flow recip pipe hol	2) 1ppb, to 116' w/7 pts r from well, le good cor	mud up system s on bit, 144 rpr pump h2o bac	n, screens plugg	ged off on s	shakers lost fluid	to roll off bi	n, pu off b	oottom, sd
eport Start Date 4/3/2012	Report End Date 4/4/2012	flow w/pump 1227' w/7 pts f/1227' - 1475	off pu 7 sin off pu 7 sin on bit @ 1 td, ran wl	gles of 4 1/2" o 44 rpm @ bit, i	ud from storage, lp & tih from 896 ight 1/4" water fl 5' 1 3/4 degrees ooh w/dp	', no ledge ows during	s or tight spots connections ra	hole in good in wl survey	condtion @ 1155' 1	drill f/1116' - degree drill
Dur	0.50 5.00 0.50 11.50 0.50 1.00	flow w/pump pu 7 singles o drill f/1116' - 1 ran wl survey drill f/1227' - ran wl survey	off of 4 1/2" dp 1227' w/7 p @ 1155' 1 1475' td @ 1475' 1 poly plus 8	o & tih from 896 ts on bit @ 144 degree 3/4 degrees	ud from storage, ', no ledges or ti l rpm @ bit, light	brought m ght spots i : 1/4" wate	aud wt up to 9.3 nole in good con r flows during co	ppg while cit adtion onnections		
eport Start Date 4/4/2012	Report End Date 4/5/2012	Operations Summont tooh w/d returns started storage in 40 storage in 40.5# J-55 cstag td @ 147 csg & chain corew, pressuing 261bbls lead yield,4.98 gald displacement 1650 psi, locito pump dow	hary Irillpipe & c of to chang of bot tank of casing ru of casing ru of white of white of white of casing of white e from 9.3 ppg on B414, and the csg crew, jsa o ralizers, 10 3/4 bottom, hang i or, ru cmt line 8 g clear of press .88 yield 9.47 (is 180 sks, min then slowed to cving 36.5 bbls o e, pumped 12.4	collars well flow to 8.4 ppg dirty nen started haulin communication float collar, 34 in elevators, rd collars, rd	water, allowing fresh with on rig flo more jts 10 asing crewing truck, I s to 4572 to 880 sks, mistop plug cacubbls gone (which is 378 # shut do	w returns to clear ater returns to 1 or, pu & rih w/ 1 or, pu & rih w/ 1 or, pu & rih w/ 1 or, pu & rih con & rih co	an up hauled 15K battery (6 0 3/4" Hbton entralizer ev u equipment esh on loc fo bbls fresh his, pumped 37 s displacemen doat collor, slnt fall 5 ft, the	all heavy Aneth, of float show ery 4th joing, nu cmt her cmt job, 20 spacer 11 bbls tail ant, pumpe t well in pumper pumper pumper pumper should be all the	mud returns to continue to hat a, 1 jt 10 3/4" int to surface, lead on 10 3/4 jsa w/cmt & ri, pumped I @ 15.8 # 1.1 ed 100 bbls has sured up to with 270 psi, d 2.5 bbls and	
Dur	1.50 2.00 4.00	well flowing 1 returns starte storage in 40 while running ru csg crew, centralizers,	I/2" stream ed to chang 0 bbl tank g casing jsa on com 10 3/4" floa	e from 9.3 ppg on B414, and t munication on	cr divert flow to to 8.4 ppg dirty hen started haul rig floor, pu & rih re jts 10 3/4" csg	water, allo ing fresh w	w returns to clear rater returns to " Hbton float sho	15K battery (oe, 1 jt 10 3/4	② Aneth, o	continue to ha
	0.50 2.00	have 800 bbl jsa w/cmt & r pumped 20 t 175.8 bbls,pi 140.5 bbls di bbls into disp the float colle	ls fresh on rig crew, probbls fresh h umped 37. isplacement or	loc for cmt job, essure & stayir 20 spacer, pun 1 bbls tail @ 15 nt, pumped 100	ng clear of press nped 261bbls lea 5.8 # 1.16 yield,4 bbls h20 displac up to 1650 psi, l	ured line, p ad @12.5 a l.98 gal ska cement @	ot lines to 4572 (# 1.88 yield 9.47 s which is 180 s 4 bpm, then slo	(ok) 7 gal sk which ks, mix h20 wed to 2 bpr	h is 780 s 21.3. drop n @ 100 i	ks, mix h2o o plug caculate obls gone @ 1
		inches, left o	mt @ top c	of conductor fla	down watched cl nge i0 hrs it seems to			.5 bbls and w	vaited one	hour cmt fell

Page 2/2

STATE OF UTAH FORM 9 **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS Navajo Nation 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. Ratherford 1. TYPE OF WELL 8. WELL NAME and NUMBER: OIL WELL 7 GAS WELL OTHER Ratherford Unit 8-32R 2. NAME OF OPERATOR: 9. API NUMBER: Resolute Natural Resources 4303750025 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: CITY Denver STATE CO 71D 80202 1675 Broadway, Ste 1950 **Greater Aneth** (303) 573-4886 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2016 FNL, 1928 FEL COUNTY: San Juan QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 8 41S 24E S STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION \square NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON 4/2/2012 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION** 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources submits that well was spud on April 2, 2012. Current status is drilling ahead. RECEIVED APR 1 9 2012 DIV. OF OIL, GAS & MINING

(This space for State use only)

NAME (PLEASE PRINT)

Sherry Glass

lass

TITLE Sr. Regulatory Technician

4/17/2012

DATE

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Daily Activity Report

API Number 43037500250000		Section	Township	Range 24E	Field Name		County	State/Provin	ice	Wellbore Config	
Ground Elevation (ft)	Casin	8 g Flange E	41S Elevation (ft)	KB-Ground	Ratherford Distance (ft)	KB-Casing Flange Dis	San Juan	Well Spud Date/Time	Rig Release [Vertical Date/Time	
4,613.00					0.00						
Job Category Drilling			Primary Job Typ Drilling - re-			Secondary Job Type					
Start Date	2012		End Date	<u> </u>		AFE Number		40044000			
Objective			<u> </u>			1		10011002			
The Ratherford Uni reserves. The prim	it Team reconary target is	ommend s the DC	ls re-drilling a C-IIC subzone	vertical w with addit	ell, the 8-32R, c tional upside in t	ompleting entire v he Lower Ismay, l	vellbore, a DC-IC, DC	nd producing primary, sec -IIA, DC-IIB & DC-III.	condary & e	ventually tertiary	
Contractor DJ Drilling					Rig Number	1	Rig Type				
Report Start Date	Report End Da		Operations Sumn							_	
2/15/2012 Report Start Date	2/15/20 Report End Da		Remove guy Operations Sumn		ower pole for loc	ation prep					
2/17/2012	2/17/20	012	Jr Construction Anchors to 2	on, reset a 5K, test ok	nchor and resectary, installed 4 n	cured the power p narker and 4 Anch	ole where or tags	location was prep for drill	ing, MOTE	set and test 4	
Report Start Date 4/1/2012	Report End Da 4/2/20	Operations Summary 1/2/2012 Ioad out rig & equipment from Ratherford 20-22H to location miru rig & spot equipment, raised derrick @ 1100 20" flange & bell nipple, rig up all lines to closed loop pits, fill storage & pits w/1440 bbls fresh h2o, notified Far BLM of spud time on 4/2/12 am weld up 16" riser to rotating head & flow T, ru gas buster lines, ru hcr valve for 8 6" blooie line to lined pit complete nipple up of flow T to shakers drill rathole & mousehole, rack out & tally dri 8 drill pipe bha						ied Farmington			
Dur	(hrs)	436 15.5					Comment				
			•		nt from Ratherfo ent, raised derric	rd 20-22H to loca k @ 1100 brs	tion				
		4.00	nu 20" flange	& bell nip		es to closed loop	pits, fill sto	orage & pits w/1440 bbls f	resh h2o, n	otified	
			weld up 16" riser to rotating head & flow T, ru gas buster lines, ru hcr valve for diverter & 6" blooie line to lined pit								
					low T to shakers le_rack out & ta	lly drill collars & d	rill nine hb	a			
Report Start Date 4/2/2012	Report End Da 4/3/20	ite	Operations Sumn	nary							
			cont racking out drill collars & drillpipe, Pu & mu Reed 14 3/4" Model RSR716M-B6 7 blade PDC bit, s/n 2233 w/3 - 12's and 4 - 18's, 7 3/4" NOV straight dnhole motor Pu & rih w/bit, mtr, 6' stripping rubber & 3 - 8" dc to 1 drill out f/95' - 155' w/465 gpm fresh h2o on hole, 135 rpm @ bit ran wl survey @ 90' 1 degree drill 155' - 248' bit, 135 rpm @ bit, total 4-8" dc in hole, start pu 6 1/2" dcs change out stripping rubber for 6 1/2" dc & 4 1/2" c - 339' w/8 pts on bit 135 rpm @ bit ran w/survey @ 274' 1 degree drill 339' - 497' w/8 pts on bit, 135 rpm @ b survey @ 390' 1 degree drill 497' - 608' w/8 - 10 pts on bit, 135 rpm @ bit, rop avg 90 fph ran wl survey @ 54 degree drill 608'- 761' w/10 pts on bit, 135 rpm @ bit ran wl survey @ 691' 1 1/2 degrees drill 761' - 915' w/10 135 rpm @ bit ran wl survey @ 843' 2 1/4 degrees reduced wob to 8 pts & increased to 144 rpm @ bit to stra hole, drill 915' - 1006', total bha in hole bit, mtr, 4-8"dc, 20-6"dc & 4-4 1/2" hvwt dp ran wl survey @ 937' 2 1/2 lower wob to 7 pts w/144 rpm @ bit drill 1006' - 1080' w/6 - 7 pts on bit, 144 rpm, well flowing water during co rtns 8.4# fluid, continue drilling and add duo-vis @ 1ppb, to mud up system drill 1080' - 1116' w/7 pts on bit, 1 screens plugged off on shakers lost fluid to roll off bin, pu off bottom, sd pump, 1" flow from well, pump h2o bit bin recip pipe hole good cond, ld 7 jts 4 1/2" dp to 896' circ hole, while bringing vis up to 35 & s							dc to tag @ 95', - 248' w/8 pts on 1/2" dp drill 248' m @ bit ran wl @ 541' 1 5' w/10 pts on bit to straighten ' 2 1/2 degrees, ng connection, ı bit, 144 rpm,	
	fic and			are a reserving and a					· · · · · · · · · · · · · · · · · · ·		
Dur	(nrs)	1.50	cont racking	out drill co	illars & drillpipe,		Comment			<u> </u>	
		0.50	Pu & mu Rec straight dnho		Model RSR716	M-B6 7 blade PD0	C bit, s/n 2	23338 jetted w/3 - 12's an	nd 4 - 18's,	7 3/4" NOV	
		2.00	Pu & rih w/bi rpm @ bit	t, mtr, 6' st	tripping rubber 8	3 - 8" dc to tag @	95', drill	out f/95' - 155' w/465 gpm	n fresh h2o	on hole, 135	
			ran wi survey	_	•	@ hit total 4.9"d	c in holo	start pu 6 1/2" dcs			
				•	bber for 6 1/2" o	_	C III NOIE, S	start pu o 1/2 des			
				18' - 339' w/8 pts on bit 135 rpm @ bit							
			ran w/survey	_	•	⊘ hit					
1.25 drill 339' - 497' w/8 pts on bit, 135 rpm @ bit 0.50 ran wt survey @ 390' 1 degree											
					•	rpm @ bit, rop av	g 90 fph				
			ran wi survey	-	degree on bit, 135 rpm	@ hit					
			ran wi survey	•		G Dit					
				•	ts on bit 135 rpn	n @ bit					
			ran wl survey reduced wob 20-6"dc & 4-	to 8 pts 8	k increased to 14	14 rpm @ bit to st	raighten h	ole, drill 915' - 1006', total	bha in hole	e bit, mtr, 4-8"dc,	
		0.50			•	wer wob to 7 pts	w/144 rpm	@ bit			

Daily Activity Report

Well Name: Ratherford U 0832R

	Ratherfor										
API Number 43037500250000	S	Section 8	Township 41S	Range 24E	Field Name Ratherford		County San Juar	1	State/Province Utah	Wellbore Config	
iround Elevation (ft)	Casing F	lange Elev		KB-Ground [Distance (ft)	KB-Casing Flange D		ı Well Spud Date/Tin		Vertical elease Date/Time	
4,613.00				ļ <u>.</u>	0.00						
Dur	(hrs)	2 25 dri		080' w/6 - 1	7 nts on hit 14	4 rnm well flowing	Comment	ing connection	etno 9 4# fluid	continue drilling and	
		ao	ia auo-vis (og 1ppb,to	mud up syster	m, screens plugge				-	
		pu	imp, 1" flow	trom well,	, pump h2o ba	ck from bin					
eport Start Date	Report End Date	Tlu	id wt to 8.6	- 8.8 ppg	iiu, iu 7 jts 4 i	/2 up to 696 circ	noie, while	onnging vis u	o to 35 & start ac	dding bar to increase	
4/3/2012	4/4/2012	co flo 12 f/1	condition mud in system w/10.4 ppg mud from storage, brought mud wt up to 9.3 ppg while circulating, circ untiflow w/pump off pu 7 singles of 4 1/2" dp & tih from 896', no ledges or tight spots hole in good condtion drill f/11 1227' w/7 pts on bit @ 144 rpm @ bit, light 1/4" water flows during connections ran wisurvey @ 1155' 1 degree f/1227' - 1475' td, ran wisurvey @ 1475' 1 3/4 degrees, ran sweep of poly plus & nut plug, then spotted safeca nutplug, mica @ end of drillpipe start tooh w/dp								
Dur	(hrs)	4 00 co	ndition mu	d in eveten	. w/10 4 ppg m	ud from storage	Comment	d to 0.2	411		
		flo	w w/pump	off	rw ro.4 ppg m	iud iioiii storage, i	orougnt mt	ia wi up to 9.3	ppg while circula	ating, circ until trace of	
		0.50 pu	7 singles	of 4 1/2" dp	& tih from 896	6', no ledges or tig	ht spots he	le in good con	dtion		
		5.00 dri	II f/1116' - 1	1227' w/7 p	ots on bit @ 14	4 rpm @ bit, light	1/4" water	flows during co	nnections		
			n wi survey	_	degree						
	·		ll f/1227' - '		. 0/4						
					3/4 degrees	a anottad aafaaad	. 0		e dan		
			art tooh w/d		x nut plug, thei	n spotted safecarb	& nutplug	, mica @ end c	or arillpipe		
oort Start Date	Report End Date		erations Summ								
4/4/2012	4/5/2012	ret sto wh 40 tag cs cre 26 yie dis 16 to wa	curns starte orage in 40) nile running .5# J-55 cs g td @ 1479 g & chain d ew, pressur 1bbls lead eld,4.98 gal eld,5 polacement 50 psi, lock pump dowr	d to chang 0 bbl tank casing ru g w/3 cent 5', pu 1' off lown to floo e & stayin @12.5 # 1 sks which @ 4 bpm, in g lea b back side bur cmt fel	e from 9.3 ppg on B414, and t csg crew, jsa c ralizers, 10 3/4 bottom, hang or, ru cmt line & g clear of press .88 yield 9.47 (is 180 sks, mt then slowed tc ving 36.5 bbls a, pumped 12.4	to 8.4 ppg dirty when started haulin on communication or float collar, 34 m in elevators, rd cat fresh h2o to pur sured line, pt lines gal sk which is 78 k h2o 21.3. drop por 2 ppm @ 100 bb of cmt in casing w bbls cmt @ 15.8	rater, allow g fresh wa on rig floor ore jts 10 sing crew in to 4572 (oo sks, mix oolug caculates gone @ thich is 372 # shut dow	returns to cleater returns to 1, pu & rih w/ 10, 3/4" csg, ran caspot Hbton & rance 800 bbls frek) pumped 20 h2o 175.8 bbls tited 140.5 bbls 104 bbls into ff above the flyn watched cm	n up hauled all I 5K battery @ Ar 0 3/4" Hbton floa entralizer every u equipment, nu esh on loc for cm bbls fresh h2o s pumped 37.1 bl displacement, p displacement we oat collor, shut v t fall 5 ft, then pu	ols tail @ 15.8 # 1.1 oumned 100 bbls h2	
Dur	(hrs)	1.50.00	nt toob w/d	rillaina 8 a	allows 1d 4 Off		Comment		<u> </u>		
					ollars, ld 4 - 8"	collars cr divert flow to lir	ed nit nd	flow t			
		2.00 ret	urns starte	d to chang	e from 9.3 ppg	to 8.4 ppg dirty w	ater. allow	returns to clea	n up hauled all h	neavy mud returns to	
		wh	ile running	casing		nen started nadili	g iresn wa	ter returns to t	on ballery @ Ar	eth, continue to hau	
		4.00 ru ce	ile running csg crew, j ntralizers, ´	casing sa on com 10 3/4" floa	munication on	rig floor, pu & rih v re jts 10 3/4" csg,	v/ 10 3/4" i	Hoton float sho	e, 1 it 10 3/4" 40	eth, continue to hau	
		4.00 ru ce off 1.00 sp ha	ille running csg crew, j ntralizers, ' bottom, ha ot Hbton & ve 800 bbls	casing sa on com 10 3/4" floa ing in eleva ru equipm s fresh on l	munication on at collar, 34 mo ators, rd casing ent, nu cmt he loc for cmt job,	rig floor, pu & rih v re jts 10 3/4" csg, g crew ad on 10 3/4" csg	v/ 10 3/4" i ran centra & chain do	Hoton float sho lizer every 4th j wn to floor, ru	e, 1 jt 10 3/4" 40 joint to surface, t cmt line & fresh	eth, continue to hau	
		4.00 ru ce off 1.00 sp ha 0.50 jsa 2.00 pu 17 14 bb	csg crew, jintralizers, intralizers, intralizers, intralizers, intralizers, intralizers, intralizers, interest and interes	casing sa on com 10 3/4" floa ing in eleva ru equipm s fresh on l g crew, pre bls fresh h imped 37.1 splacemen lacement v	munication on at collar, 34 mo ators, rd casing ent, nu cmt he loc for cmt job, essure & stayir 20 spacer, pun I bbls tail @ 15 t, pumped 100	rig floor, pu & rih v re jts 10 3/4" csg, g crew ad on 10 3/4" csg g clear of pressur nped 261bbls lead 5.8 # 1.16 yield,4.9 bbls h20 displace	v/ 10 3/4" if ran centra & chain do ed line, pt i @12.5 # i 8 gal sks viment @ 4	Hoton float sho lizer every 4th j wn to floor, ru lines to 4572 (d 1.88 yield 9.47 which is 180 sk bpm, then slov	e, 1 jt 10 3/4" 40 joint to surface, i cmt line & fresh ok) gal sk which is 7 s, mix h20 21.3 ved to 2 bpm @	eth, continue to hau 1.5# J-55 csg w/3 tag td @ 1475', pu 1 th2o to pump truck, 180 sks, mix h2o 100 bbls gone @ 10	
		4.00 ru ce off 1.00 sp ha 0.50 jsa 2.00 pu 17 14 bb the 0.50 sh 1.00 pu	csg crew, journalizers, of bottom, has ot Hbton & ve 800 bbls worm & rimped 20 bbs. So bbls, pu 0.5 bbls distributed in the bottom with well in wormed 12.4	casing sa on com 10 3/4" floa ing in eleva ru equipm s fresh on l g crew, pre bls fresh h imped 37.1 splacement lacement v r ith 270 psi bbls cmt (munication on at collar, 34 mo ators, rd casing ent, nu cmt he loc for cmt job, essure & stayir 20 spacer, pun I bbls tail @ 15 t, pumped 100 well pressured , r/u to pump d	rig floor, pu & rih v re jts 10 3/4" csg, g crew ad on 10 3/4" csg ig clear of pressur pped 261bbls lead 5.8 # 1.16 yield,4.9 bbls h20 displace up to 1650 psi, loo own back side	v/ 10 3/4" i ran centra & chain do ed line, pt @12.5# 08 gal sks v ment @ 4 cking up le	Hoton float sho lizer every 4th j wn to floor, ru lines to 4572 (d 1.88 yield 9.47 which is 180 sk bpm, then slov aving 36.5 bbls	e, 1 jt 10 3/4" 40 joint to surface, i crnt line & fresh ok) gal sk which is 7 s, mix h20 21.3 ved to 2 bpm @ of crnt in casing	eth, continue to hau .5# J-55 csg w/3 tag td @ 1475', pu 1 h2o to pump truck,	

Report Printed: 4/17/2012

Daily Activity Report

3037500250000		Section 8	Township 41S	Range 24E	Field Name Ratherford		County San Jua	an	State/Provir Utah	nce	Wellbore Config Vertical
round Elevation (ft)	Casin	g Flange Elev	ation (ft)	KB-Ground D	stance (ft)	KB-Casing Flange		Well Spud Date/Tin		Rig Release	Date/Time
4,613.00 port Start Date	Report End Dat	ba On	erations Summ		0.00						
4/5/2012	4/6/20	12 wo su fai ho 5r	oc get bop un rface pipe. I rmington n.r ot shoted fro nins, 2000 p	inder sub of test well he m of bop te m weather osi for 10 m	ead 1000 psi fo est got no call l ford, replace p nins, tested an	ready to nipple up to 5 mins (ok) n/up ack from them.to bipe ram rubbers, nular @ 250 low ds dril collors, 2 s	bop,hydri est bop,hy tested pip for 5 mins	ill,rotating head, drill, chock mani e rams,blind ran , 1500 psi for 10	choke man fold, acr va ns, choke r) mins, test	fold, flow live would nanfold, @ ed csg 60	line, notifled bln n't test had one 0 250 psi low fo
Dur	(hrs)						Comment				
						ready to nipple of ft, weld well hea		co nino			
					or 5 mins (ok)		u on suna	ce pipe.			
		4.00 n/ th	u bop,hydril em.	l,rotating h	ead,choke ma	nfold, flow line, n	otifled blm	farmington n.m	of bop tes	t got no ca	all back from
		ru 25	bbers,tested 0 low for 5	d pipe ram: mins, 1500	s,blind rams, o psi for 10 mir	ve wouldn't test h hoke manfold, @ ns, tested csg 600) 250 psi lo) psi for 30	ow for 5mins, 20 5 mins, funtion to	000 psi for 1	10 mins, te	oipe ram ested annular @
port Start Date	Report End Dat		with 10 std erations Summ		s, 2 sdts whd	o, 10 stds d/p pic	k up 4 jts o	d/p.			
4/6/2012	4/7/20	12 co 97 jsa cr 15	nt tih taged 78 reed m42 with wire li ew, p/u mote	cement @ 214cp,ser in ine crew, r/ or, make u rotate 60,	# lw5114, 3-18 u wire line. Ru p tih, drlg cem	ollor set @ 1432, i jets, with 1-16 co in in hole with log ent f/1461 to1478 spm, psi 1000. i	enter jet ci ging tool, 3, pump ce rop 15 to2	rc, tooh 11 stds log casing, cem ement water fron	d/p, 2 stds ent around n pits and l	hwdp, 10 casing ok nole to res	stds 6 1/2' d/c, c. r/d wire line pit dril f/1478 to
Dur	(hrs)	2.00 co	nt tih taged	cement @	1067' float co	ollor set @ 1432,	Comment we got 36	5' cement on ton	of float co	llor	
		8.00 dr	g cement, t	oit # 2- 97/8	3 reed m4214	cp,ser # lw5114,	3-18 jets, v	with 1-16 center	jet.		
		0.50 cir							-		
					nwdp, 10 stds	6 1/2' d/c ın in hole with log	aina taal	lan anaine			
			wire line ci		u wiie iiie. Kt	in in noie with log	igirig tooi,	log casing, cem	ent around	casing or	.
			u motor, ma								
		1.00 dr	lg cement f/	1461 to14	78						
	.,	5.00 dr ac	il f/1478 to 1 ljust wob, ro	1540 wob1 tate from t	n pits and hole 5, rotate 60, p here	to res pit pump # 1 130 spr	n, psi 100	0. rop 15 to20 fp	oh will take	survey ar	ound 1600 ft ar
eport Start Date 4/7/2012	Report End Dat 4/8/20	12 dr 18	ift per hr to	1603, sun 40 ft per hr	will survey ag	deg, drlg f/1603 f pain in 300 ft, surv on bit to 18000, s	/ey @ 184	4 1 deg, serv ric	rom 15000 g, drig f/191	to 25000 I5 to 2230	rop went from , survey @ 215
Dur	(hrs)	4.00 dr	lg f/ 1540 to	1603			Comment				
			rvey @ 153								
		9.50 dr			ge wt on bit fr	om 15000 to 250	00 rop wei	nt from 18ft per I	hr to 40 ft p	er hr will :	survey again in
			rvey @ 184	•	erv rig						
			lg f/1915 to rvey @ 215								
					off wt on bit to	18000					
			9		On We on bit to	3 10000					
			rvey @ 231	5 11/2 dec							
eport Start Date 4/8/2012	Report End Da 4/9/20	0.50 su te Op 12 dr cle	erations Summ lg f/ 2386 to eaned up ho 2723 1.5 de	ary 2544, sur ble maid co	vey @ 2477 2 onn, drlg f/273	deg, drlg f/ 2544 2 to 2793 build v	to 2732, v is up to 40	vork tight hole f/2 again, dawn cre	2732 to 26 ew added I	60 hole sk n20 to the	offing on us, re pits, survey
4/8/2012		0.50 sute Op 12 dr	erations Summ lg f/ 2386 to eaned up ho 2723 1.5 de	ary 2544, sur ble maid co eg, drlg f/2	vey @ 2477 2 onn, drlg f/273	deg, drlg f/ 2544 2 to 2793 build v	to 2732, v is up to 40 Comment	vork tight hole f/2 again, dawn cre	2732 to 260 ew added I	60 hole sk	offing on us, re pits, survey
4/8/2012	4/9/20	0.50 sute Op dr ck @	erations Summ lg f/ 2386 to eaned up ho 2723 1.5 de	ary 2544, sur ble maid co eg, drlg f/2	vey @ 2477 2 onn, drlg f/273	deg, drlg f/ 2544 2 to 2793 build v	is up to 40	work tight hole f/2 again, dawn cre	2732 to 26 ew added I	60 hole sk n20 to the	offing on us, re pits, survey
4/8/2012	4/9/20	0.50 su te Op 12 dr ck @ 5.50 dr 0.50 su	erations Summ Ig f/ 2386 to eaned up ho 2723 1.5 de Ig f/ 2386 to Irvey @ 247	ary 2544, sur ble maid co eg, drlg f/2 2544 77 2 deg	vey @ 2477 2 onn, drlg f/273	deg, drlg f/ 2544 2 to 2793 build v	is up to 40	vork tight hole f/2 again, dawn cre	2732 to 26 ew added I	60 hole sk	offing on us, re pits, survey
	4/9/20	0.50 su che 12 dr che 20 dr che 20 dr 20 dr 20 dr 20 su 4.50 dr	erations Summ Ig f/ 2386 to eaned up ho 2723 1.5 de Ig f/ 2386 to lrvey @ 247 Ig f/ 2544 to	ary 2544, sur ole maid co eg, drlg f/2 2544 77 2 deg 2732	vey @ 2477 2 nn, drlg f/273: 793 to 2856	2 to 2793 build v	is up to 40	again, dawn cr	2732 to 260 ew added I	60 hole sk n20 to the	offing on us, re pits, survey
4/8/2012	4/9/20	0.50 su te	erations Summ Ig f/ 2386 to eaned up ho 2723 1.5 de Ig f/ 2386 to Irvey @ 247 Ig f/ 2544 to ork tight hole	ary 2544, sur ble maid co eg, drlg f/2 2544 772 deg 2732 e f/2732 to	vey @ 2477 2 nn, drig f/273: 793 to 2856 2660 hole slo	deg, drlg f/ 2544 2 to 2793 build v	Comment	again, dawn cre	2732 to 266 ew added I	60 hole sk	offing on us, re pits, survey
4/8/2012	4/9/20	0.50 su te	erations Summ Ig f/ 2386 to eaned up ho 2723 1.5 de Ig f/ 2386 to Irvey @ 247 Ig f/ 2544 to ork tight hole	ary 2544, sur- ole maid co eg, drig f/2 o 2544 77 2 deg o 2732 e f/2732 to 2793 build	vey @ 2477 2 nn, drig f/273: 793 to 2856 2660 hole slo	2 to 2793 build v	Comment	again, dawn cre	2732 to 26 ew added I	60 hole sk	offing on us, re pits, survey
4/8/2012	4/9/20	0.50 su te	erations Summ Ig f/ 2386 to eaned up ho 2723 1.5 de Ig f/ 2386 to Irvey @ 247 Ig f/ 2544 to ork tight hole Ig f/2732 to	ary 2544, sur- ole maid co eg, drig f/2: 2544 7 2 deg 2732 e f/2732 to 2793 build 3 1.5 deg	vey @ 2477 2 nn, drig f/273: 793 to 2856 2660 hole slo	2 to 2793 build v	Comment	again, dawn cre	2732 to 26 ew added I	60 hole sk	offing on us, re pits, survey

Daily Activity Report

API Number 43037500250000		Section 8	Township 41S	Range 24E	Field Name Ratherford	Cou Sa	n Juan		State/Proving Utah	ud	Wellbore Config Vertical
round Elevation (ft) 4,613.00	Casing	Flange El	evation (ft)	KB-Ground D	oistance (ft)	KB-Casing Flange Distance	e (ft) V	/ell Spud Date/Time		Rig Release I	
port Start Date	Report End Date	e (C	Operations Summ	ary						<u> </u>	
4/9/2012	4/10/20	12	drlg f/2856 to	2919, surv	vey @ 2848 11 back off wt on	/2 deg, drlg f/2919 to bit from 27000, to 250	2950, d	rlg f/2950 to 31	04, surve	y @ 3033 (@ 21/4 deg, dr
Dur	(hrs)			or extra del to district Break Proportion		Comr			Tarah wiki d		v Trebago Policeriona
			drlg f/2856 to								·
			survey @ 284 drig f/2919 to		g						
			drig f/2950 to								
		0.50	survey @ 303	33 @ 21/4							
eport Start Date	Report End Date				drill back off w	t on bit from 27000, to	25000				
4/10/2012	4/11/20	12 0	degrees, drill	3267' w/26 f/3279' - 3: 32' 3 degre	355' lowered v	avg 12.5 fph, 140 rpm vob 2 pts to 24k to stra ' - 3380' w/24 pts on b	aighten I	hole, will surve	v again in	2 kellys do	wn. ran wl
Dur	(hrs)	12.00	dril f/3120 to	2267' w/26	nto on hit ron	Comr avg 12.5 fph, 140 rpm			. y a day Ay		
			drill f/3267' - 3		pts on bit, rop	avg 12.5 ipri, 140 rpm	ı @ Dit				
		0.50 ı	an wl survey	@ 3220' 3	1/2 degrees						
			drill f/3279' - 3			ts to 24k to straighten	hole, w	ill survey agair	in 2 kelly	s down	
			an wi survey			rnm @ hit roturns 10	100/ aba	ما منام در امر درما	400	0 mh 0	
eport Start Date	Report End Date	e C	Operations Summ	ary		rpm @ bit, returns 10					
4/11/2012	4/12/20		celly & tooh w 2 stds 4 1/2" l pit, ld motor & dp, tag ledge singles thru ti	//16 stds o hvywt dp, 1 k bit, mu ne @ 2425', l ght hole se 3420' - 346	f 4 1/2" dp, hole 10 stds 6 1/2" d ew Reed 9 7/8t celly up & ream ection from 242	dropping steadily to 6 e sticky, rih w/1 std & 6 lcs, xo, motor & 9 7/8" bit, Mod R25AP mtr, xo a thru shale section, btfs' - 2712', cont tih w/d bit, 140 rpm, 80% sai	circ 45 r ' bit, bit o, 10 sto ang bao ip stds t	nins to slick up outer teeth wor ds 6 1/2" dc, 2 : ck kelly, ld 8 jts o 3402', drill 34	hole, con n, bearing stds 4 1/2' dp, tih w/ 102' - 3420	it tooh w/26 gs tight, wo " hvywt dp, 4 stds dp, r 0', ran wl si	6 more stds dp uld not re-run 26 stds 4 1/2" eam & circ w/ urvev @ 3344'
Dur	(hrs)		1 71 (10000)			Comr	ment		19 4 3 5 1 5	Asp Tigal	
			keliy & tooh w	ı/16 stds oʻ	pts on bit, rop f 4 1/2" dp, hol 10 stds 6 1/2"	dropping steadily to 6 e sticky, rih w/1 std & d	fph, de circ 45 r	cide to make b mins to slick up	it trip, bit f hole, con	nas 129 hrs it tooh w/26	s, hang back S more stds dp,
		-	dcs, xo, moto 7/8bit, Mod R ream	r & 9 7/8" i 25AP mtr,	oit, bit outer tee xo, 10 stds 6 1	eth worn, bearings tigh /2" dc, 2 stds 4 1/2" h	nt, would vywt dp	d not re-run bit, , 26 stds 4 1/2"	ld motor a dp, tag le	& bit, mu nedge @ 242	ew Reed 9 25', kelly up &
		8.50 t	hru shale sed 2712', cont t	ction, hang tih w/dp sto	g back kelly, ld ls to 3402'	8 jts dp, tih w/4 stds d	lp, ream	& circ w/ singl	es thru tig	ht hole sed	ction from 2425
			drill 3402' - 34								
			an wl survey drill 3420' - 34			pm, 80% sandstone 2	00% eha	lle mud weigh	9.7 nna s	vie da nh	In water lose 1
eport Start Date 4/12/2012	Report End Date 4/13/20	e 12 (Operations Summ Drill f/3468' - 3 Drill f/3570' - 3	ary 3570' w/24 3664' w/24	pts on bit 140 pts on bit 140	rpm, 95% shale/5% si rpm, 95% sandstone/ , 80% sandstone/20%	andston 5% shal	e, rig service a	nd wl surv	/ev @ 350	5' 2 1/2 degree
Dur.	(hrs)	10.00	deill fla 4001 - 1	0.E70! (0.1	mto on hit 140	Comr					
					pts on bit 140 y @ 3505' 2 1 <i>i:</i>	rpm, 95% shale/5% sa 2 degrees	andston	е			
			_			rpm, 95% sandstone/	5% shal	e			
		0.50 ı	ran wi survey	@ 3591'	1 3/4 degrees	•					
eport Start Date	Report End Dat		drill f/3664' - 3 Operations Summ		pts on bit 140	rpm, 80% sandstone/2	20% sha	ale			
4/13/2012	Report End Dat 4/14/20	12 (drill f/3696' - 3 service, drill f oh 9 rop 8.6 f 95% shale/5% opg, vis 40, v	3728', 24 p /3728' - 38 ph, ran wl 6 sandstor /ater loss 1	21' w/24 pts or survey @ 3755 ne, 9.6 fph, drill l2 ph 9, pu off l	pm, 100% shale, mud n bit, 140 rpm, 95% sh 5' 2 degrees, drill f/382 f/3850' - 3855' 26k o bottom & circ while rep ne/20% shale, mud w	ale/5% 21' - 385 n bit, 15 pairing c	sandstone, mu 60' increased w 60 rpm, 60% sh closed loop ger	d wt 9.7 p ob to 26k ale/40% s nerator, co	pg, vis 43, increased sandstone, ont drill fron	water loss 10.4 rpm to 150 rpm mud weight 9.1 1 3855' - 3889'
Dul	(hrs)	2.75	drill f/3696' - :	3728', 24 p	ots on bit, 140 r	pm, 100% shale, mud		ppg, vis 45, wa	ter loss 10	0, ph 9, rop	11.6 fph
			rig service	,	, , -		1			., ,	
www.peloton.c	om		*		F	Page 4/5				Report Pr	inted: 4/17/2
					 						

Daily Activity Report

Pl Number 3037500250000		ection 8	Township 41S	Range 24E	Field Name Ratherford		County San Jua	n	State/Province Utah	∪ d	Wellbore Config Vertical
ound Elevation (ft) 4,613.00	Casing Fla	ange Eleva	ation (ft)	KB-Ground D	0.00	KB-Casing Flange D		Well Spud Date/Ti		Rig Release	
	(hrs)			1			Comment				* *
	(rop 0.50 rar 3.00 dri	o 8.6 fph n wl survey ll f/3821' -	/ @ 3755' 2 3850' incre	degrees, ased wob to 2	0 rpm, 95% shale/ 6k increased rpm n, 60% shale/40%	to 150 rpn	n, 95% shale/5	% sandston	e, 9.6 fph	·
		0.50 pu 4.50 co ph	off bottom nt drill fron 9 rop 7.5	n & circ whil n 3855' - 38 fph	e repairing clo	sed loop generaton In bit, 150 rpm, 80	or	_			·
port Start Date 4/14/2012	Report End Date 4/15/2012	dri 1- @ 15 @	131 stk @ <i>1</i> 1700 psi, 0 rpm, pur 3966 1 1/4	3923, wob 1700 psi, ro 65% shale, np # 1 131 4 deg, drlg i	p 6.8, change 20% limeston stks @ 1700 μ f/4006 to 4051	m, 90% shale, 10 out dawn generat le, 15% sandstone osi, 35% shale, 5 change wt on bit .8, ph 9, wl 10. ro	tor, drlg f/3 e, vis 48, w % limestor from 2600	923 to 3953 w /t 9.4,ph 9. rop ne, 60% sandst	ob 26000, 19 6.6, drlg f/3 one, vis 45.	50 rpms, 953 to 40 wt 9.9. pl	oump #1 131 stl 06 wob 26000, 19. rop 7. surve
Dur	(hrs)						Comment				
	;	5.00 dri 1-1	li 1/3889' - I31 stk @ <i>*</i>	3923, wob 1700 psi, ro	26000, 150 гр р 6.8	m, 90% shale, 10	% sand st	one,vis 45, wt	9.8, wl 10, p	h 9, 6.8 ft	per hr. pump #
		4.50 drl	g f/3923 to	lawn genera 3953 wob I,ph 9. rop (26000, 150 rp	oms, pump #1 131	stks @ 17	700 psi, 65% sl	nale, 20% lir	nestone,	15% sandstone,
	•	7.50 drl vis	g f/3953 to 45, wt 9.9	4006 wob , ph 9. rop	26000, 150 rp	om, pump # 1 131	stks @ 17	00 psi, 35% sh	ale, 5 % lim	estone, 6	0% sandstone,
		0.50 su 6.00 drl	rvey @ 39 g f/4006 to	66 1 1/4 de 4051 char	g	om 26000 to 2800 rop 7.5	00,150 rpm	n, pump # 1 13	0 stks @ 17	00 psi, 95	% shale, 5%
port Start Date 4/15/2012	Report End Date 4/16/2012	drl 7.2 13 9.8	2, serv rig, , ph 9, rop 3, wl 12, pl	o 4069 wob drlg f/4069 7.5, dril f/4 n 9,rop 6.6,	to 4122, wob 122 to 4175, v dril f/4175 to 4	50, pump # 1 172 28000, rpm 150, p vob 28000, rpm 1 4220, wob 28000, rvey this kelly dow	oump # 1 1 50, pump # rpm 150, j	1720 psi, 80% : # 1 1720 psi, 8 pump # 1 1720	shale, 20% s 0% shale, 20	sandstone)% sands	vis 43, wt 9.9, tone, vis 44, wt
Dur	(hrs)	2.50 drl 7.2	g f/ 4051 to	o 4069 wob	28000, rpm 1	50, pump # 1 172	Comment 0 psi, 80%	shale, 20% lir	nestone, vis	45, wt 9.7	', wl 10, ph 9, rc
		0.50 se 7.00 drl rop	9	4122, wob	28000, rpm 1	50, pump # 1 172	0 psi, 80%	shale, 20% sa	andstone vis	43, wt 9.	9, wl 13, ph 9,
	;	8.00 dri 6.6		4175, wob	28000, rpm 1	50, pump # 1 1720	0 psi, 80%	shale, 20% sa	ndstone, vis	44, wt 9.	8, wl 12, ph 9,rc
Charle Data		7.5	5. will surve	ey this kelly	28000, rpm 15 down @ 4225	50, pump # 1 1720 5') psi, 80%	shale, 20% sa	ndstone, vis	43, wt 9.	9, wl 12, ph 9, r
eport Start Date 4/16/2012	Report End Date 4/17/2012	drl ph pu 42 ph	9, rop 7ft mp # 1 13 87 to 4345 9, rop 8.2	9 4227 wob per hr, serv 0 stks @ 17 5, wob 3100	rig, survey @ 700 psi, 85% s 00, rpm 150, p rlg f/ 4345 to 4	60, pump # 1 130 s 4154 1 deg, drlg shale, 15% sandst ump # 1 130 stks 390, wob 32000,	f/4227 to 4 one, vis 43 @ 1700 ps	1287 change w 3, wt 9.8, wl 14 si, 90% shale,	t on bit from , ph 9,, rop 6 10% sandsto	28000, to 3.6 ft per h one, vis 4	31000,rpm 150 nr, serv rig, drlg 1, wt 9.9, wl 14,
Dur		ph	9, rop 7ft	per hr	•	50, pump # 1 130 s	Comment stks @ 170	00psi, 95% sar	ndstone, 5%	shale, vis	44, wt 9.9, wl 1
		9.00 drl	g f/4227 to		nge wt on bit fr	om 28000, to 310 rop 6.6 ft per hr	00,rpm 15	0, pump # 1 13	30 stks @ 17	'00 psi, 8	5% shale, 15%
			g f/ 4287 t	o 4345, wo 8.2 ft per h		150, pump # 1 13	0 stks @ 1	700 psi, 90% s	shale, 10% s	andstone	, vis 44, wt 9.9,
		6.00 drl	g f/ 4345 t	o 4390, wo	b 32000, rpm	150, pump # 1 13	0 stks @ 1	700 psi, 100%	shale, vis 4	5. wt 9.9.	wl 14, ph 9, rop

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS Navajo Nation 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. Ratherford 1. TYPE OF WELL 8. WELL NAME and NUMBER: OIL WELL 🗸 GAS WELL OTHER Ratherford Unit 8-32R 2. NAME OF OPERATOR: 9. API NUMBER: Resolute Natural Resources 4303750025 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: CITY Denver 1675 Broadway, Ste 1950 STATE CO ZIP 80202 (303) 573-4886 **Greater Aneth** 4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION \square NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR NEW CONSTRUCTION **TEMPORARILY ABANDON** CHANGE TO PREVIOUS PLANS OPERATOR CHANGE 4/2/2012 TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) $\sqrt{}$ CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Resolute Natural Resources submits that well was spud on April 2, 2012. Current status is drilling ahead. TITLE Sr. Regulatory Technician Sherry Glass NAME (PLEASE PRINT) 4/24/2012

APR 3 0 2012

(This space for State use only)

Well Name: Ratherford U 0832R

API Number		Section	Township	Range	Field Name		County		State/Provin	ce	Wellbore Config
43037500250000		8	41S	24E	Ratherford	•	San Jua	n	Utah		Vertical
Ground Elevation (ft)	Casing	Flange Eleva	tion (ft)	KB-Ground D	stance (ft)	KB-Casing Flange Dis	tance (ft)	Well Spud Date/Time)	Rig Release D	ate/Time
4,613.00					0.00						
Job Category		Pri	imary Job Typ	e		Secondary Job Type					
Drilling		Di	rilling - re-e	entry							
Start Date	***************************************	En	d Date			AFE Number		——————————————————————————————————————			
4/1/2012								100110	002		
Objective											
The Ratherford Unit Tea	m recon	nmends re	e-drilling a	vertical we	II, the 8-32R,	completing entire w	ellbore, a	and producing pr	imarv. sec	ondary & e	entually tertian

The Ratherford Unit Team recommends re-drilling a vertical well, the 8-32R, completing entire wellbore, and producing primary, secondary & eventually tertian reserves. The primary target is the DC-IIC subzone with additional upside in the Lower Ismay, DC-IC, DC-IIA, DC-IIB & DC-III.

Contractor			Rig Number	Rig Type
DJ Drilling			1	
Report Start Date	Report End Date	Operations Summary		
2/15/2012	2/15/2012	Remove guy wire off pow	er pole for location prep	
Report Start Date	Report End Date	Operations Summary		Market and the state of the sta
2/17/2012	2/17/2012		chor and resecured the power p y, Installed 4 marker and 4 Anch	ole where location was prep for drilling, MOTE set and test 4 nor tags
Report Start Date 4/1/2012	Report End Date 4/2/2012	20" flange & bell nipple, i BLM of spud time on 4/2	ig up all lines to closed loop pits 12 am weld up 16" riser to rotal	tion miru rig & spot equipment, raised derrick @ 1100 hrs nu s, fill storage & pits w/1440 bbls fresh h2o, notified Farmington ting head & flow T, ru gas buster lines, ru hcr valve for diverter o shakers drill rathole & mousehole, rack out & tally drill collars

- 2.00 load out rig & equipment from Ratherford 20-22H to location
- 3.00 miru rig & spot equipment, raised derrick @ 1100 hrs
- 4.00 nu 20" flange & bell nipple, rig up all lines to closed loop pits, fill storage & pits w/1440 bbls fresh h2o, notified Farmington BLM of spud time on 4/2/12 am
- 7.00 weld up 16" riser to rotating head & flow T, ru gas buster lines, ru hcr valve for diverter & 6" blooie line to lined pit 3.00 complete nipple up of flow T to shakers
- 5.00 drill rathole & mousehole, rack out & tally drill collars & drill pipe bha

Report Start Date	Report End Date
4/2/2012	4/3/2012
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Operations Summary cont racking out drill collars & drillpipe, Pu & mu Reed 14 3/4" Model RSR716M-B6 7 blade PDC bit, s/n 223338 jetted w/3 - 12's and 4 - 18's, 7 3/4" NOV straight dnhole motor Pu & rih w/bit, mtr, 6' stripping rubber & 3 - 8" dc to tag @ 95', drill out f/95' - 155' w/465 gpm fresh h2o on hole, 135 rpm @ bit ran wl survey @ 90' 1 degree drill 155' - 248' w/8 pts on bit, 135 rpm @ bit, total 4-8" dc in hole, start pu 6 1/2" dcs change out stripping rubber for 6 1/2" dc & 4 1/2" dp drill 248' - 339' w/8 pts on bit 135 rpm @ bit ran wl survey @ 274' 1 degree drill 339' - 497' w/8 pts on bit, 135 rpm @ bit ran wl survey @ 390' 1 degree drill 497' - 608' w/8 - 10 pts on bit, 135 rpm @ bit, rop avg 90 fph ran wl survey @ 541' 1 degree drill 608'- 761' w/10 pts on bit, 135 rpm @ bit ran wl survey @ 691' 1 1/2 degrees drill 761' - 915' w/10 pts on bit 135 rpm @ bit ran wl survey @ 691' 1 1/2 degrees drill 761' - 915' w/10 pts on bit 135 rpm @ bit ran wl survey @ 843' 2 1/4 degrees reduced wob to 8 pts & increased to 144 rpm @ bit to straighten hole, drill 915' - 1006', total bha in hole bit, mtr, 4-8"dc, 20-6"dc & 4-4 1/2" hvwt dp ran wl survey @ 937' 2 1/2 degrees, lower wob to 7 pts w/144 rpm @ bit drill 1006' - 1080' w/6 - 7 pts on bit, 144 rpm, well flowing water during connection, rsn 8.4# fluid, continue drilling and add duo-vis @ 1ppb, to mud up system drill 1080' - 1116' w/7 pts on bit, 144 rpm, screens plugged off on shakers lost fluid to roll off bin, pu off bottom, sd pump, 1" flow from well, pump h2o back from bin recip pipe hole good cond, ld 7 jts 4 1/2" dp to 896' circ hole, while bringing vis up to 35 & s

- 1.50 cont racking out drill collars & drillpipe.
- 0.50 Pu & mu Reed 14 3/4" Model RSR716M-B6 7 blade PDC bit, s/n 223338 jetted w/3 12's and 4 18's, 7 3/4" NOV straight dnhole motor
- 2.00 Pu & rih w/bit, mtr, 6' stripping rubber & 3 8" dc to tag @ 95', drill out f/95' 155' w/465 gpm fresh h2o on hole, 135 rpm @ bit
- 0.50 ran wl survey @ 90' 1 degree
- 1.00 drill 155' 248' w/8 pts on bit, 135 rpm @ bit, total 4-8" dc in hole, start pu 6 1/2" dcs
- 1.00 change out stripping rubber for 6 1/2" dc & 4 1/2" dp
- 1.00 drill 248' 339' w/8 pts on bit 135 rpm @ bit
- 0.50 ran w/survey @ 274' 1 degree
- 1.25 drill 339' 497' w/8 pts on bit, 135 rpm @ bit
- 0.50 ran wl survey @ 390' 1 degree
- 1.75 drill 497' 608' w/8 10 pts on bit, 135 rpm @ bit, rop avg 90 fph
- 0.50 ran wł survey @ 541' 1 degree
- 1.50 drill 608'- 761' w/10 pts on bit, 135 rpm @ bit
- 0.50 ran wi survey @ 691' 1 1/2 degrees
- 2.00 drill 761' 915' w/10 pts on bit 135 rpm @ bit
- 0.50 ran wl survey @ 843' 2 1/4 degrees
- 2.00 reduced wob to 8 pts & increased to 144 rpm @ bit to straighten hole, drill 915' 1006', total bha in hole bit, mtr, 4-8"dc, 20-6"dc & 4-4 1/2" hvwt dp
- 0.50 ran wl survey @ 937' 2 1/2 degrees, lower wob to 7 pts w/144 rpm @ bit

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Well	Name:	Ratherford U	0832R

API Number	Section	Township	Range	Field Name	Coun	nty	State/Province	Wellbore Config
43037500250000	8	41S	24E	Ratherford	San	n Juan	Utah	Vertical
Ground Elevation (ft)	Casing Flange Ele	vation (ft)	KB-Ground	Distance (ft)	KB-Casing Flange Distance	(ft) Well Spud Date/Time	Rig Release	Date/Time
4,613.00				0.00				

- 2.25 drill 1006' 1080' w/6 7 pts on bit, 144 rpm, well flowing water during connection, rtns 8.4# fluid, continue drilling and add duo-vis @ 1ppb, to mud up system
- 0.75 drill 1080' 1116' w/7 pts on bit, 144 rpm, screens plugged off on shakers lost fluid to roll off bin, pu off bottom, sd pump, 1" flow from well, pump h2o back from bin
- 2.00 recip pipe hole good cond, ld 7 jts 4 1/2" dp to 896' circ hole, while bringing vis up to 35 & start adding bar to increase fluid wt to 8.6 8.8 ppg

Report Start Date 4/3/2012 Report End Date 4/4/2012 Operations Summary

condition mud in system w/10.4 ppg mud from storage, brought mud wt up to 9.3 ppg while circulating, circ until trace of flow w/pump off pu 7 singles of 4 1/2" dp & tih from 896', no ledges or tight spots hole in good condition drill f/1116' - 1227' w/7 pts on bit @ 144 rpm @ bit, light 1/4" water flows during connections ran wl survey @ 1155' 1 degree drill f/1227' - 1475' td, ran wl survey @ 1475' 1 3/4 degrees, ran sweep of poly plus & nut plug, then spotted safecarb & nutplug, mica @ end of drillpipe start tooh w/dp

- 4.00 condition mud in system w/10.4 ppg mud from storage, brought mud wt up to 9.3 ppg while circulating, circ until trace of flow w/pump off
- 0.50 pu 7 singles of 4 1/2" dp & tih from 896', no ledges or tight spots hole in good condtion
- 5.00 drill f/1116' 1227' w/7 pts on bit @ 144 rpm @ bit, light 1/4" water flows during connections
- 0.50 ran wi survey @ 1155' 1 degree
- 11.50 drill f/1227' 1475' td
- 0.50 ran wl survey @ 1475' 1 3/4 degrees
- 1.00 ran sweep of poly plus & nut plug, then spotted safecarb & nutplug, mica @ end of drillpipe
- 1.00 start tooh w/dp

Report Start Date 4/4/2012 Report End Date 4/5/2012 Operations S

cont tooh w/drillpipe & collars, Id 4 - 8" collars well flowing 1/2" stream to pits, open hcr divert flow to lined pit, nd flow t, returns started to change from 9.3 ppg to 8.4 ppg dirty water, allow returns to clean up hauled all heavy mud returns to storage in 400 bbl tank on B414, and then started hauling fresh water returns to 15K battery @ Aneth, continue to haul while running casing ru csg crew, jsa on communication on rig floor, pu & rih w/ 10 3/4" Hoton float shoe, 1 jt 10 3/4" 40.5# J-55 csg w/3 centralizers, 10 3/4" float collar, 34 more jts 10 3/4" csg, ran centralizer every 4th joint to surface, tag td @ 1475', pu 1' off bottom, hang in elevators, rd casing crew spot Hbton & ru equipment, nu cmt head on 10 3/4" csg & chain down to floor, ru cmt line & fresh h2o to pump truck, have 800 bbls fresh on loc for cmt job, jsa w/cmt & rig crew, pressure & staying clear of pressured line, pt lines to 4572 (ok) pumped 20 bbls fresh h2o spacer, pumped 261bbls lead @12.5 # 1.88 yield 9.47 gal sk which is 780 sks, mix h2o 175.8 bbls,pumped 37.1 bbls tail @ 15.8 # 1.16 yield,4.98 gal sks which is 180 sks, mix h2o 21.3. drop plug caculated 140.5 bbls displacement, pumped 100 bbls h2o displacement @ 4 bpm, then slowed to 2 bpm @ 100 bbls gone @ 104 bbls into displacement well pressured up to 1650 psi, locking up leaving 36.5 bbls of cmt in casing which is 372 ft above the float collor, shut well in with 270 psi, r/u to pump down back side, pumped 12.4 bbls cmt @ 15.8 # shut down watched cmt fall 5 ft, then pumped 2.5 bbls and waited one hour cmt fell 3 inches, left cmt @ top of conductor flange, woc checked for cement falling @ 0100 hrs it seems to be holding

- 1.50 cont tooh w/drillpipe & collars, ld 4 8" collars
- 1.50 well flowing 1/2" stream to pits, open hcr divert flow to lined pit, nd flow t,
- 2.00 returns started to change from 9.3 ppg to 8.4 ppg dirty water, allow returns to clean up hauled all heavy mud returns to storage in 400 bbl tank on B414, and then started hauling fresh water returns to 15K battery @ Aneth, continue to haul while running casing
- 4.00 ru csg crew, jsa on communication on rig floor, pu & rih w/ 10 3/4" Hbton float shoe, 1 jt 10 3/4" 40.5# J-55 csg w/3 centralizers, 10 3/4" float collar, 34 more jts 10 3/4" csg, ran centralizer every 4th joint to surface, tag td @ 1475', pu 1' off bottom, hang in elevators, rd casing crew
- 1.00 spot Hbton & ru equipment, nu cmt head on 10 3/4" csg & chain down to floor, ru cmt line & fresh h2o to pump truck, have 800 bbls fresh on loc for cmt job,
- 0.50 jsa w/cmt & rig crew, pressure & staying clear of pressured line, pt lines to 4572 (ok)

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- 2.00 pumped 20 bbls fresh h2o spacer, pumped 261bbls lead @12.5 # 1.88 yield 9.47 gal sk which is 780 sks, mix h2o 175.8 bbls,pumped 37.1 bbls tail @ 15.8 # 1.16 yield,4.98 gal sks which is 180 sks, mix h20 21.3. drop plug caculated 140.5 bbls displacement, pumped 100 bbls h20 displacement @ 4 bpm, then slowed to 2 bpm @ 100 bbls gone @ 104 bbls into displacement well pressured up to 1650 psi, locking up leaving 36.5 bbls of cmt in casing which is 372 ft above the float collor
- 0.50 shut well in with 270 psi, r/u to pump down back side
- 1.00 pumped 12.4 bbls cmt @ 15.8 # shut down watched cmt fall 5 ft, then pumped 2.5 bbls and waited one hour cmt fell 3 inches, left cmt @ top of conductor flange
- 10.00 woc checked for cement falling @ 0100 hrs it seems to be holding

Report Printed: 4/24/2012

Number		Section	Township	Range	Field Name		County		State/Provin	ice	Wellbore Conf
3037500250000 ound Elevation (ft)	Casino	Flange Ele	41S	24E KB-Ground D	Ratherford	KB-Casing Flange Di	San Jua	n Well Spud Date/Tii	Utah	Dia Polos	Vertical se Date/Time
4,613.00	Odding	Triange Lie	vatori (it)	ND-Oloula L	0.00	Rb-Casing Flange Dis	stance (it)	vveii Spuu Date/ III	ile	riy relea	se Date/Time
port Start Date 4/5/2012	Report End Date 4/6/201	2 w s fa	urface pipe. armington n.i ot shoted fro mins, 2000 p	inder sub test well h in of bop to m weathe osi for 10 r	ead 1000 psi f est got no call rford, replace p nins, tested an	ready to nipple up or 5 mins (ok) n/u l back from them.te pipe ram rubbers, to nular @ 250 low fo ds dril collors, 2 sd	bop,hydril st bop,hyd ested pipe or 5 mins,	l,rotating head, drill, chock man e rams,blind ran 1500 psi for 10	choke man lfold, acr va ns, choke n) mins, test	fold, flow lve would nanfold, ed csg 6	/ line, notifled b dn't test had on @ 250 psi low
		6.00 c 0.50 te 4.00 n tr 9.00 te	ut conductor est well head /u bop,hydril nem. est bop,hydri ubbers,teste	,10 3/4 su 1000 psi I,rotating h II, chock n d pipe ram	rface cut off 20 for 5 mins (ok) nead,choke ma nanfold, acr va is,blind rams, o	ready to nipple up the tweld well head anfold, flow line, no live wouldn't test he choke manfold, @ ns, tested csg 600	on surfactified bim ad one ho 250 psi lo	farmington n.n t shoted from v w for 5mins, 20	veatherford	replace	pipe ram
port Start Date 4/6/2012	Report End Date 4/7/201	2 c 9 js c	perations Summ ont tih taged 7/8 reed m4 sa with wire l rew, p/u mot	ary cement @ 214cp,ser ine crew, r or, make u rotate 60,	0 1067' float co # lw5114, 3-18 /u wire line. Ru up tih, drlg cem	p, 10 stds d/p pick blor set @ 1432, w 3 jets, with 1-16 ce un in hole with logg ent f/1461 to1478, spm, psi 1000. ro	re got 365 nter jet cir ging tool, l pump ce	i' cement on top c, tooh 11 stds og casing, cem ment water fro	d/p, 2 stds nent around m pits and h	hwdp, 1 casing o	0 stds 6 1/2' d/ok. r/d wire line es pit dril f/1478
		8.00 d 0.50 c 2.00 tc 1.00 js 0.50 r 2.00 p 1.00 d 2.00 p 5.00 d	rig cement, I irc con 11 stds of a with wire I d wire line con under the condition of the c	bit # 2- 97/ d/p, 2 stds ine crew, rew ke up tih 1461 to14 water frought 1540 wob tate from	8 reed m4214 hwdp, 10 stds /u wire line. Ru 78 m pits and hole 15, rotate 60, p	un in hole with logg	-18 jets, w	vith 1-16 center	jet. nent around	casing o	
oort Start Date 4/7/2012	Report End Date 4/8/201	2 d	8ft per hr to	1603, sui 40 ft per h	r will survey ag	deg, drlg f/1603 to gain in 300 ft, surve on bit to 18000, su	ey @ 184	4 1 deg, serv ri	rom 15000 g, drlg f/191	to 25000 5 to 223	orop went from 0, survey @ 2
		0.50 s 9.50 d 0.50 s 6.00 d 0.50 s 2.50 d	00 ft urvey @ 184 rlg f/1915 to urvey @ 215	85 1 deg 1915 chai 14 1 deg, s 2230 58 2 deg 2386 bac	erv rig	om 15000 to 2500 o 18000	0 rop wer	t from 18ft per	hr to 40 ft p	er hr wil	l survey again i
port Start Date 4/8/2012	Report End Dat 4/9/201	e C	perations Summ rlg f/ 2386 to leaned up h	ary 2544, su ole maid c	vey @ 2477 2	deg, drlg f/ 2544 t 2 to 2793 build vis	o 2732, w s up to 40	ork tight hole f again, dawn c	/2732 to 26 rew added i	60 hole s n20 to th	sloffing on us, ere pits, survey
		0.50 s 4.50 c 2.00 v 5.50 c	Irlg f/2732 to urvey @272	77 2 deg 2732 e f/2732 to 2793 bui		offing on us, cleane again, dawn crew					

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Daily Activity Report

Number 3037500250000	Sec	8 415		Field Name Ratherford	County San Jua	n	State/Province Utah	Wellbore Config Vertical
ound Elevation (ft)	Casing Flai	nge Elevation (Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time	II .	telease Date/Time
4,613.00				0.00				
port Start Date 4/9/2012	Report End Date 4/10/2012	drig f/2	s Summary 856 to 2919, su to 3120 had dr	rvey @ 2848 1 ill back off wt or	1/2 deg, drlg f/2919 to 2950 n bit from 27000, to 25000	, drlg f/2950 to 3	104, survey @	3033 @ 21/4 deg, d
		U	856 to 2919					
		-	@ 2848 11/2 o 919 to 2950	leg				
	13	.00 drlg f/2	950 to 3104					
		•	@ 3033 @ 21/ 3104 to 3120 ha	•	wt on bit from 27000, to 250	00		
port Start Date 4/10/2012	Report End Date 4/11/2012		s Summary	26 nts on hit ror	o avg 12.5 fph, 140 rpm @ l	oit drill f/3267' - 3	279' ran wl su	rvev @ 3220' 3 1/2
4/10/2012	4/11/2012	degree survey	s, drill f/3279' -	3355' lowered grees, drill f/335	wob 2 pts to 24k to straight 5' - 3380' w/24 pts on bit, 14	en hole, will surve	y again in 2 ke	llys down, ran wl
				26 pts on bit, rop	p avg 12.5 fph, 140 rpm @ l	oit		
			267' - 3279' survev @ 3220	' 3 1/2 degrees				
				-	pts to 24k to straighten hole	, will survey agai	n in 2 kellys do	wn
			survey @ 3282 355' - 3380' w/	•	0 rpm @ bit, returns 100% :	shale mud weidt	nt 9 6 vis 46 nh	9 water loss 14
port Start Date	Report End Date	Operation	ns Summary				•	
4/11/2012	4/12/2012	kelly & 2 stds dbit, ld r dp, tag	tooh w/16 stds 4 1/2" hvywt dp notor & bit, mu Iedge @ 2425	of 4 1/2" dp, ho , 10 stds 6 1/2" new Reed 9 7/8 ', kelly up & rea	o dropping steadily to 6 fph, ple sticky, rih w/1 std & circ 4 dcs, xo, motor & 9 7/8" bit, 8bit, Mod R25AP mtr, xo, 10 m thru shale section, hang 125' - 2712', cont tih w/dp st	5 mins to slick up bit outer teeth wo stds 6 1/2" dc, 2 back kelly, ld 8 jts	o hole, cont too rn, bearings tig stds 4 1/2" hvy s dp, tih w/4 std	oh w/26 more stds d ght, would not re-run wt dp, 26 stds 4 1/2 ls dp, ream & circ w
		degree water l	s, drill 3420' - 3 oss 14	3468' w/24 pts o	n bit, 140 rpm, 80% sandst	one 20% shale, n	nud weight 9.7	ppg, vis 46, ph 10,
	4	kelly &	tooh w/16 stds	24 pts on bit, rop of 4 1/2" dp, ho , 10 stds 6 1/2"	p dropping steadily to 6 fph, ole sticky, rih w/1 std & circ 4	decide to make t 15 mins to slick u	oit trip, bit has 1 o hole, cont toc	129 hrs, hang back oh w/26 more stds d
	4				eeth worn, bearings tight, wo 1/2" dc, 2 stds 4 1/2" hvywt			
	8		ale section, ha		d 8 jts dp, tih w/4 stds dp, re	eam & circ w/ sing	les thru tight h	ole section from 242
	2	.00 drill 34						
			survey @ 3344 20' - 3468' w/2	-	rpm, 80% sandstone 20%	shale. mud weigh	nt 9.7 ppg. vis 4	6 ph 10 water loss
eport Start Date 4/12/2012	Report End Date 4/13/2012	Operation drill f/3 drill f/3	ns Summary 468' - 3570' w/ 570' - 3664' w/	24 pts on bit 140 24 pts on bit 140	0 rpm, 95% shale/5% sands 0 rpm, 95% sandstone/5% s n, 80% sandstone/20% sha	tone, rig service shale, ran wl surv	and wl survey (@ 3505' 2 1/2 degre
	10	0.00 drill f/3	468' - 3570' w/	24 pts on bit 14	0 rpm, 95% shale/5% sands	tone		
		-		vey @ 3505' 2 1	ų –	pholo		
				24 pts on bit 14 1 3/4 degrees	0 rpm, 95% sandstone/5% s s	nial6		
eport Start Date		3.75 drill f/3			0 rpm, 80% sandstone/20%	shale		
эроп Start Date 4/13/2012	4/14/2012	drill f/3 service ph 9 ro 95% s ppg, v	696' - 3728', 24 e, drill f/3728' - op 8.6 fph, ran hale/5% sands is 40, water los	3821' w/24 pts own survey @ 379 tone, 9.6 fph, dr s 12 ph 9, pu of	prpm, 100% shale, mud wt son bit, 140 rpm, 95% shale, 55' 2 degrees, drill f/3821' - 'ill f/3850' - 3855' 26k on bit ff bottom & circ while repairi tone/20% shale, mud weigh	5% sandstone, m 3850' increased v , 150 rpm, 60% s ng closed loop ge	ud wt 9.7 ppg, vob to 26k incre hale/40% sand enerator, cont d	vis 43, water loss 1 eased rpm to 150 rp Istone, mud weight rill from 3855' - 388
					rpm, 100% shale, mud wt			0 44.05.1

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API Number	Sec		Range	Field Name	County	State/Province	Wellbore Config
3037500250000 round Elevation (ft)	Casing Flar	8 41S nge Elevation (ft)	KB-Ground		San Juan sing Flange Distance (ft) Well Spud	Utah Date/Time Rig R	Vertical elease Date/Time
4,613.00				0.00			
	10	.75 drill f/3728' rop 8.6 fph	- 3821' w/2	24 pts on bit, 140 rpm, 9	5% shale/5% sandstone, mu	d wt 9.7 ppg, vis 43, w	ater loss 10.4, ph 9
	0	.50 ran wl surve	ey @ 3755	' 2 degrees,			
					eased rpm to 150 rpm, 95% sl		
				hile repairing closed loc	shale/40% sandstone, mud w p generator	eight 9.7 ppg, vis 40, v	water loss 12 ph 9
	4	.50 cont drill fro ph 9 rop 7.5	m 3855' -	3889' w/26 pts on bit, 1	50 rpm, 80% sandstone/20%	shale, mud weight 9.8,	vis 45, water loss 1
leport Start Date	Report End Date	Operations Sun	mary				
4/14/2012	4/15/2012				shale, 10 % sand stone,vis 4 vn generator, drlg f/3923 to 39		
		@ 1700 psi	, 65% sha	le, 20% limestone, 15%	sandstone, vis 48, wt 9.4,ph shale, 5 % limestone, 60% s	9. rop 6.6, drlg f/3953 i	to 4006 wob 26000,
		@ 3966 1 1	/4 deg, drl	g f/4006 to 4051 chang	e wt on bit from 26000 to 2800	00,150 rpm, pump # 1	130 stks @ 1700 ps
		95% shale,	5% limest	one, vis 45, wt 9.8, ph 9	, wl 10. rop 7.5		
	5				shale, 10 % sand stone,vis 4	5, wt 9.8, wl 10, ph 9,	6.8 ft per hr. pump #
	0	1-131 stk @ .50 change out	-	•			
		.50 drlg f/3923	to 3953 w	ob 26000, 150 rpms, pu	mp #1 131 stks @ 1700 psi, 6	5% shale, 20% limest	one, 15% sandstone
	7	vis 48, wt 9. 50. drla f/3953 t	•	•	np # 1 131 stks @ 1700 psi, 3	5% shale 5% limesto	ne 60% sandstone
		vis 45, wt 9	.9, ph 9. rc	op 7	,p	o /o criaio, o /o inflocto	110, 0070 04114010110,
		.50 survey @ 3 .00 drla f/4006			00 to 28000,150 rpm, pump #	‡ 1 130 stks @ 1700 p	si 95% shale 5%
		limestone, v	/is 45, wt 9	9.8, ph 9, wl 10. rop 7.5			oi, 00 / 0 oi alo, 0 / 0
Report Start Date 4/15/2012	Report End Date 4/16/2012		to 4069 w		np # 1 1720 psi, 80% shale, 2		
		13, ph 9, ro	p 7.5, dril	f/4122 to 4175, wob 280	rpm 150, pump # 1 1720 psi, 100, rpm 150, pump # 1 1720	psi, 80% shale, 20% s	andstone, vis 44, wi
		9.8, wl 12, p	oh 9,rop 6.	6, dril f/4175 to 4220, w 7, rop 7.5. will survey thi	ob 28000, rpm 150, pump # 1	1720 psi, 80% shale,	20% sandstone, vis
		40, W. 0.0, V		o, top 1.0. will survey the	3 (City down @ 4220		
	2	.50 drlg f/ 4051 7.2	to 4069 w	ob 28000, rpm 150, pui	np # 1 1720 psi, 80% shale, 2	0% linestone, vis 45,	wt 9.7, wl 10, ph 9, r
	0	.50 serv rig					
	7	.00 drlg f/4069 rop 7.5	to 4122, w	ob 28000, rpm 150, pui	np # 1 1720 psi, 80% shale, 2	20% sandstone vis 43,	wt 9.9, wl 13, ph 9,
	8	•	o 4175, wo	ob 28000, rpm 150, pun	np # 1 1720 psi, 80% shale, 2	0% sandstone, vis 44,	wt 9.8, wl 12, ph 9,r
		6.6			np # 1 1720 psi, 80% shale, 2		
	0		•	elly down @ 4225'	ip # 1 1720 psi, 60% sitale, 2	076 Sanustone, VIS 43,	wt 9.9, wi 12, ph 9,
Report Start Date 4/16/2012	Report End Date 4/17/2012	Operations Sur drlg f/4220		ob 28000 rpm 150. pum	p # 1 130 stks @ 1700psi, 95	% sandstone. 5% sha	le. vis 44. wt 9.9. wl
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ph 9, rop 7f	t per hr, se	erv rig, survey @ 4154	deg, drlg f/4227 to 4287 cha 5% sandstone, vis 43, wt 9.8,	nge wt on bit from 280	00, to 31000,rpm 15
		4287 to 434	15, wob 31	000, rpm 150, pump #	l 130 stks @ 1700 psi, 90% s	hale, 10% sandstone,	vis 44, wt 9.9, wl 14
		ph 9, rop 8. 9.9, wl 14, j			ob 32000, rpm 150, pump # 1	130 stks @ 1700 psi,	100% shale, vis 45,
	1	.00 drlg f/4220 ph 9, rop 71		ob 28000 rpm 150, pun	p # 1 130 stks @ 1700psi, 95	% sandstone, 5% sha	le, vis 44, wt 9.9, wl
		0.50 serv rig, su	rvey @ 41	-			
	9			nange wt on bit from 280 9.8, wl 14, ph 9, rop 6.6	000, to 31000,rpm 150, pump of the per hr	# 1 130 stks @ 1700 p	osi, 85% shale, 15%
		0.50 serv rig			,		
	7	00 drig f/ 4287. 14, ph 9, rc			mp # 1 130 stks @ 1700 psi,	90% shale, 10% sand	stone, vis 44, wt 9.9
		6.00 drlg f/ 4345					

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l	ı	100 M 1 Vig. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
I	19	 	

Wall	Nama:	Ratherford U 083	2D
vveii	name:	-Kamerroro u uos	ZK

API Number	Section	Township	Range Field Nam	пе	County	7.80.	State/Province	Wellbore Config			
43037500250000	8	41S	24E Rather	ford	San Juan		Utah	Vertical			
Ground Elevation (ft) 4,613.00	Casing Flange Elev	ation (ft)	KB-Ground Distance (ft) 0.00	KB-Casin	g Flange Distance (ft)	Well Spud Date/Time	Rig Release	Date/Time			
Report Start Date Report End Date Operations Summary											

4/17/2012 4/18/2012

drlg f/4390 to 4415, wob 32000, rpm 150, pump # 2 130 stks @ 1475, 100% shale, vis 44, wt 9.9, wl 13, ph 9, rop 8.3 ft per hr.rig serv, survey @ 4342 1 deg. drig f/4415 to 4473 change wt on bit from 32000 to 34000, pump # 2 130 stks @ 1475 psi, 70% shale, 25 % sandstone, 5 % linestone, rop 8.9 ft per hr, dril f/4473 to 4503 wob 34000, rpm 150, pump # 1 130 stks 1700 psi, 60% linestone, 20% shale, 20% sand stone, rop 8.5 per hr, bit started torqueing up, loseing, diff presser, put more wt on bit to check motor and diff presser presser still wouldn't come up, circ pump flush for tooh, tooh, bit hrs135, motor hrs 167, bit drig 1101 ft, ave ft per hr 8.1, hole pulling tigh f/4408 to 3962, clean pit while tripping. finesh cleaning pits, tih taged at 2420, ld 6 jts, tih with 3 stds

- 3.00 drlg f/4390 to 4415, wob 32000, rpm 150, pump # 2 130 stks @ 1475, 100% shale, vis 44, wt 9.9, wl 13, ph 9, rop 8.3 ft per hr.
- 0.50 rig serv, survey @ 4342 1 deg
- 6.50 drlg f/4415 to 4473 change wt on bit from 32000 to 34000, pump # 2 130 stks @ 1475 psi, 70% shale, 25 % sandstone, 5 % linestone, rop 8.9 ft per hr
- 3.50 dril f/4473 to 4503 wob 34000, rpm 150, pump # 1 130 stks 1700 psi, 60% linestone, 20% shale, 20% sand stone, rop 8.5 per hr, bit started torqueing up, loseing diff presser, put more wt on bit to check motor and diff presser presser still wouldn't come up
- 0.50 circ pump flush for tooh
- 4.50 tooh, bit hrs135, motor hrs 167, bit drig 1101 ft, ave ft per hr 8.1, hole pulling tigh f/4408 to 3962, clean pit while tripping.
- 1.00 finesh cleaning pits
- 3.50 tih taged at 2420
- 0.50 ld 6 its
- 0.50 tih with 3 stds

Report Start Date 4/18/2012

4/19/2012

Report End Date Operations Summar

> wash & ream f/ 2420 to 3005 hole fell in on us packed off tight, 35000 to 45000 on bit to wash & ream, pump # 1 112 stks @ 1030 psi, vis 43 wt 9.8 wl14 ph 10, tih f/3005 to 4353 work tight hole f/4353, hole out of gauge, ream 150 ft to 4503, td at bit trip, pump # 1 109 stks @ 1230 psi, pumped flushes around while washing & reaming brought back a lot of pea sized cutting, filled shaker screens up.drlg f/4503 to 4563 wob 36000 to 38000, pump # 1 127 stks @ 1522 psi, rpm 65, vis 44, wt 9.9, wl 9, 60 % sandstone, 40% shale, rop 7 ft per hr

- 10.00 wash & ream f/ 2420 to 3005 hole fell in on us packed off tight, 35000 to 45000 on bit to wash & ream, pump # 1 112 stks @ 1030 psi, vis 43 wt 9.8 wl14 ph 10,
- 4.00 work tight hole f/4353, hole out of gauge, ream 150 ft to 4503, td at bit trip, pump # 1 109 stks @ 1230 psi, pumped flushes around while washing & reaming brought back a lot of pea sized cutting, filled shaker screens up.
- 8.50 drlg f/4503 to 4563 wob 36000 to 38000, pump # 1 127 stks @ 1522 psi, rpm 65, vis 44, wt 9.9, wl 9, 60 % sandstone, 40% shale, rop 7 ft per hr.

Report Start Date 4/19/2012

Report End Date 4/20/2012 Operations Summary

drlg f/ 4563 to 4580, wob 28000 to 30000, rpm 65, vis 45 wt 9.8, wl 9, 100 % sandstone rop 6.8 ft per hr. survey @ 4539 3 deg serv rig dril f/4580 to 4611, backed wob off to 26000 to 28000, rpm form 65 to 80, to try to bring hole back stright, will dril 30 ft of hole and run survey to see if its working. survey @ 4571 21/4 deg, ser rig drig f/4611 to 4642 wob 26000 to 28000 rpm 82, vis 44, wt 9.8, wl 9, 65 % limestone, 25 % sandstone, 10 % shale, tr pyrite, wiil run a survey in 30 ft. rop 6.8 ft per hr circ run survey @ 4602 3 deg drlg f/4642 to 4648 wob 24000 to 2000, rpm 82 string got to jumping bad couldn't put enough wt and rpm to smooth it out because of hole deviation, circ for tooh tooh to pick up motor and 4-8" collors, hole tight f/2280 to 2220, bit was balled up with grey clay I think its from our tight spot, get motor & collors to cat walk,id & od collors, ser rig change oil in draw works pu bit,motor,8"collors m/u tih,rerun bit #4

bit # 4 in the hole @ 4503, out at 4648,total footage 145 ft, hrs on bit 22, ave rop 6.5 jas on hot weather, bop drill 35 seconds to muster.

- 2.50 drlg f/ 4563 to 4580, wob 28000 to 30000, rpm 65, vis 45 wt 9.8, wl 9, 100 % sandstone rop 6.8 ft per hr.
- 0.50 survey @ 4539 3 deg serv rig
- 5.00 dril f/4580 to 4611, backed wob off to 26000 to 28000, rpm form 65 to 80, to try to bring hole back stright, will dril 30 ft of hole and run survey to see if its working.
- 0.50 survey @ 4571 21/4 deg, ser rig
- 5.00 drlg f/4611 to 4642 wob 26000 to 28000 rpm 82, vis 44, wt 9.8, wl 9, 65 % limestone, 25 % sandstone, 10 % shale, tr pyrite, will run a survey in 30 ft. rop 6.8 ft per hr
- 1.00 circ run survey @ 4602 3 deg
- 0.50 drlg f/4642 to 4648 wob 24000 to 26000, rpm 82 string got to jumping bad couldn't put enough wt and rpm to smooth it out because of hole deviation.
- 1.00 circ for tooh

	Ratherford L	0832R							
Pl Number 3037500250000	Section		Range 24E	Field Name Ratherford	County San Ju	an	State/Prov	ince	Wellbore Confi
round Elevation (ft)	Casing Flange	1	1 .	d Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Tin	1	Rig Releas	se Date/Time
4,613.00				0.00					
,		spot.			tiole tight f/2280 to 2220,	·	with grey	clay I thir	ik its from our
				m/u tih,rerun bit#	ollors, ser rig change oil i 4	II UIAW WORKS			
eport Start Date 4/20/2012	Report End Date 4/21/2012	2416 to 245 wash & rear loction 88 sk bringing bac 71 ft, hang k taged @ 459	otor 4-8"d 0, reamed n f/2450 to s, hole st k grey sh celly tih 1 : 90, p/u ke	I 34ft while washir o 2478,call Ralph S ill fallin in keep wo ale every flush,son std l/d top jt, p/u ke illy ream f/4575 to 4	whdp,bha length 884.13 g & reaming hole keeps Smith the mud man he to rking pipe & cond hole.p he times a lot, some time slly ream f/2549 to 2707, 1648, reamed 78 ft, to bo is 45, wl 8.8, ph 10, 70%	falling in on us, sold us to mix ever umping sweep er not very much whole freed up @ ottom, drig f/4648	mix flushe y sks of a very 60 ft vash & rea 2707, rea to4672 w	es seams to sphasol su of pipe we am f/ 2478 amed 158 f yob 2600 to	o help cont to upreme we had get in the hole to 2549, ream to 28000, rpm 1
			2440,wa	sh & ream, 2416 to	whdp,bha length 884.13 2450, reamed 34ft whil			keeps fall	ing in on us, m
	8.0	cont to wash had on loction	n & ream t on 88 sks	//2450 to 2478,call hole still fallin in k	Ralph Smith the mud ma eep working pipe & cond h,some times a lot, som	f hole.pumping s	weep eve	sks of aspl ry 60 ft of	hasol supreme pipe we get in
	0.5 3.5 1.5 1.0) hang kelly ti) p/u kelly rea) hang kelly ti) p/u kelly rea) drlg f/4648 t	h 1 std I/d m f/2549 h taged @ m f/4575 o4672 wo	to 2707, hole freed 0 4590 to 4648, reamed 7 b 2600 to 28000, r	I up @ 2707, reamed 15 8 ft, to bottom pm 140, pump # 2 129 s		wt 9.8 vis	45, wl 8.8	s, ph 10, 70%
eport Start Date 4/21/2012	Report End Date 4/22/2012	Operations Sum drlg f/4672 t shale circ & 159, wt 9.8,	mary o 4674 wo survey @ vis 45, wl 4', wob 2	: 4599 2.25 deg, se 8.8, ph 10, 50% si 8k, pump #1 125 s	pump # 2 129sks @ 154 erv rig drig f/4674 to 4768 andstone/40% shale/109 tks @ 1730 psi, rpm 152	3' wob 26k to 28k 6 limestone ran v	: pump # ' vi survey (1 127 sks (@ 4688' 2	@ 1800 psi, rp .25 dea. drla
	1.00	drlg f/4672 t	o 4674 wo	ob 24000 to 26000	pump # 2 129sks @ 154	13, wt 9.8, vis 45	, wl 8.8, p	h 10,705 s	andstone, 30%
		o circ & survey o drlg f/4674 t	o 4768' w	2.25 deg, serv rig ob 26k to 28k pum /10% limestone	p # 1 127 sks @ 1800 p	si, rpm 159, wt 9	8, vis 45,	wl 8.8, ph	10, 50%
	10.5	sandstone/1	- 4844', w 0% shale	ob 28k, pump #1 1	25 stks @ 1730 psi, rpm	152, wt 9.8, vis	48, wl 8.8	, ph 10, 80)% limestone/1
eport Start Date 4/22/2012	Report End Date 4/23/2012	limestone/10 152, wt 9.9 wob 30k pur	- 4861' wo 0% shale vis 43, wl mp psi 18 376' 1.75	ran wl survey @ 4 8.8 ph 10 100% lin 00#, rpm 153, wt 9 degrees, rig servic	700#, rpm 152, wt 9.8, v 786' 2 degrees, rig servi nestone, increased wob .8, vis 43, wl 10 ph 10.5, e drlg f/4955' - 5014' wol	ce drlg f/4861' - 4 to 30K due to lim 65% sandstone	1870' wob estone fo /30% lime	28k pump rmation dr stone/5%	o psi 1760# rpi lg f/4870' - 49! shale ran wl
	2.2	5 drlg f/4844' limestone/1		ob 28k, pump psi 1	700#, rpm 152, wt 9.8, v	is 47, wl 8.9, ph	10, 80% s	andstone/	10%
	0.5			5' 2 degrees, rig se	ervice				
					760# rpm 152 wt 9.9 vie	43 w/ 8 8 nh 10	100% lim	aetona in	croseed web t

- 1.25 drlg f/4861' 4870' wob 28k pump psi 1760# rpm 152, wt 9.9 vis 43, wl 8.8 ph 10 100% limestone, increased wob to 30K due to limestone formation
- 12.00 drlg f/4870' 4955' wob 30k pump psi 1800#, rpm 153, wt 9.8, vis 43, wl 10 ph 10.5, 65% sandstone/30% limestone/5% shale
- 0.50 ran wl survey @ 4876' 1.75 degrees, rig service
- 7.50 drlg f/4955' 5014' wob 35 k, pump psi 1800#, rpm 153, wt 9.9 vis 43, wl 8, ph 9.5 80% limestone/20% shale

www.peloton.com Page 7/8 Report Printed: 4/24/2012

Well Name: Ratherford U 0832R

43037500250000 8 41S 24E Ratherford San Juan Utah Vertical	API Number	Section	Township	Range	Field Name		County		State/Province)	Wellbore Config
Ground Elevation (ft) Casing Flange Elevation (ft) KB-Ground Distance (ft) KB-Casing Flange Distance (ft) Well Spud Date/Time Rig Release Date/Time	43037500250000	8	41S	24E	Ratherford		San Jua	n	Utah		Vertical
	Ground Elevation (ft) Casing Flange Elevation (ft)			KB-Ground Distance (ft)		KB-Casing Flange Distance (ft) Well Spud Date/Time		F	Rig Release D	ate/Time	
4,613.00	4,613.00				0.00						

Report Start Date	Report End Date	Operations Summary
4/23/2012		drlg f/5014' - 5046' w/38 pts on bit, 152 rpm 1800# pump psi, wt 10, vis 43, wl 8.8, ph 9.5 80% limestone/20% shale, ran wl survey @ 4975' 2.5 degrees, keep weight at 38 pts w/12 fph p rate and recheck survey in another 100', drlg f/5046' - 5110' w/38 pts on bit, 152 rpm, 1884# pump psi, wt 10, vis 50, wl 9.6, ph 10, 85% shale/15% limestone p rate from 7.8 - 10.5 fph, ran wl survey @ 5033' 1 degree added 2 pts wob to 40K, drig f/5110 - 5173 w/40 pts on bit, 150 rpm, pump # 1 1850 psi, wt 9.9, wl 8.2, vis 43, 70% limestone, 30% shale. 11.5 ft per hr, rig serv, pump sweep, survey @ 5095 1.50 degree dril f/5173 - 5235 w/40 pts on bit pump # 1-1875 psi, rpm 150, vis 46, wt 9.8, 8.4, 100% linestone, 10.75 ft per hr

- 3.25 drlg f/5014' 5046' w/38 pts on bit, 152 rpm 1800# pump psi, wt 10, vis 43, wl 8.8, ph 9.5 80% limestone/20% shale
- 0.50 ran wl survey @ 4975' 2.5 degrees, keep weight at 38 pts w/12 fph p rate and recheck survey in another 100'
- 8.00 drlg f/5046' 5110' w/38 pts on bit, 152 rpm, 1884# pump psi, wt 10, vis 50, wl 9.6, ph 10, 85% shale/15% limestone p rate from 7.8 10.5 fph
- 0.50 ran wl survey @ 5033' 1 degree added 2 pts wob to 40K
- 5.50 drig f/5110 5173 w/40 pts on bit, 150 rpm, pump # 1 1850 psi, wt 9.9, wl 8.2, vis 43, 70% limestone, 30% shale. 11.5 ft per hr.
- 0.50 rig serv, pump sweep, survey @ 5095 1.50 degree
- 5.75 dril f/5173 5235 w/40 pts on bit pump # 1-1875 psi, rpm 150, vis 46, wt 9.8, 8.4, 100% linestone, 10.75 ft per hr

Page 8/8 Report Printed: 4/24/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen eacting wells below current bottom-hide deptil, remoter plugged wells, or to Ratherford Unit & CALOREEMENT NAILE. 1. TYPE OF WELL OIL WELL OF GAS WELL OTHER SADERSS OF OFFRATOR Resolute Natural Resources 3. ACCRESS OF OFFRATOR Resolute Natural Resources 3. ACCRESS OF OFFRATOR TOPS Deadway, Site 1850 (III) Deriver STATE CO 20 80202 PROVE MAINSER (303) 573-4886 OTHER TOPS OF OFFRATOR TOPS OF OFFRATOR TOPS OF OFFRATOR TOPS OF OFFRATOR 1. OCATIONOR PLANT OF THE MAINSER 4303750025 TOPS OF OFFRATOR ACTION TOPS OFFRATOR ACTION TOPS OF OFFRATOR ACTION TOPS OFFRATOR TOPS	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368
Do not use this form for proposals to drill new Wells, significantly despen existing wells below current bottom-hole depth, renter plugged wells, or to drill not more with proposals. 1. TYPE OF WELL OIL W	SUNDRY NOTICES AND REPORTS ON WELLS	Navajo Nation
OIL WELL GAS WELL OTHER Ratherford Unit 8-32R 2. NAME OF OPERATOR: Resolute Natural Resources 3. API NUMBER: 4303750025 3. ADDRESS OF OPERATOR: 1675 Broadway, Ste 1950 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: Greater Aneth COUNTY: San Juan COUNTY: San Ju	Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, c drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: Ratherford
Resolute Natural Resources 3. ADDRESS OF OPERATOR: 1675 Broadway, Ste 1950 CITY DEILY DEILY FOOTAGES AT SURFACE: 2016 FNL, 1928 FEL COUNTY: San Juan CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE		
1675 Broadway, Ste 1950 CITY Denver STATE CO ZIP 80202 (303) 573-4886 Greater Aneth 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2016 FNL, 1928 FEL COUNTY: San Juan OTRIQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 8 41S 24E S UTAH 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION Submit in Duplicate DATA SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON AVIZIO 12 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR SUBSEQUENT REPORT CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER DISPOSAL COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
TYPE OF SUBMISSION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION TEMPORARILY ABANDON TEMPORARILY ABA	THORE HOMBER	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION NOTICE OF INTENT (Submit in Duplicate) ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION		. county: San Juan
TYPE OF SUBMISSION ACIDIZE	QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 8 41S 24E S	STATE:
TYPE OF SUBMISSION TYPE OF ACTION TYPE OF ACTION ACIDIZE		
NOTICE OF INTENT ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION		EPORT, OR OTHER DATA
NOTICE OF INTENT ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL	The state of the s	
Approximate date work will start: CASING REPAIR	NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
4/2/2012		SIDETRACK TO REPAIR WELL
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: CHANGE WELL NAME PLUG AND ABANDON WATER DISPOSAL WATER DISPOSAL WATER SHUT-OFF COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.	Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: CHANGE WELL NAME PLUG BACK WATER DISPOSAL WATER SHUT-OFF COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.	4/2/2012 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
(Submit Original Form Only) Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: OTHER: 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		WATER DISPOSAL
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		OTHER:
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMA	
	· · ·	

(This space for State use only)

NAME (PLEASE PRINT)

Sherry Glass

RECEIVED MAY 0 7 2012

Sr. Regulatory Technician

5/3/2012

RESOLUTE

Daily Activity Report

API Number	Kameri	Section		Range	Field Name		County		State/Prov	vince Wellbore Config			
43037500250000 8			41S 24E Ratherford				San Juan Utah			Vertical			
Ground Elevation (ft) 4,613.00	ng Flange	Elevation (ft) KB-Ground Distance (ft) 0.00			KB-Casing Flange Distance (ft) Well Spud Date/Time Rig Release Date/Tin 4/2/2012 08:00								
Job Category Drilling			Primary Job Typ Drilling - re-			Secondary Job Type							
Start Date 4/1/	2012		End Date			AFE Number		10011/	202				
Objective								100110					
reserves. The prim	t Team rec ary target i	ommen s the D	ds re-drilling a C-IIC subzone	vertical we with addit	ional upside in t	he Lower Ismay, [DC-IC, D	and producing pr C-IIA, DC-IIB & D	imary, se DC-III.	econdary & eventually tertiary			
Contractor DJ Drilling					Rig Number	1	Rig Type						
Report Start Date	Report End Da		Operations Summ			1							
2/15/2012 Report Start Date	2/15/20 Report End Da		Operations Summ		wer pole for loc	ation prep							
2/17/2012	2/17/20	012	Jr Construction Anchors to 25	on, reset a 5K, test ok	nchor and resec ay, Installed 4 n	cured the power ponarker and 4 Anch	ole wher	e location was pr	ep for dr	illing, MOTE set and test 4			
Report Start Date 4/1/2012	Report End Da 4/2/20		20" flange & t	equipmer cell nipple time on 4/ ne to lined	, rig up all lines 2/12 am weld u	to closed loop pits o 16" riser to rotati	i, fill stora	age & pits w/1440 I flow T. ru gas) bbls fre buster lir	sed derrick @ 1100 hrs nu esh h2o, notified Farmington nes, ru hcr valve for diverter e, rack out & tally drill collars			
Dur (hrs)						Comment						
		3.00 4.00	miru rig & spo nu 20" flange Farmington B	load out rig & equipment from Ratherford 20-22H to location miru rig & spot equipment, raised derrick @ 1100 hrs nu 20" flange & bell nipple, rig up all lines to closed loop pits, fill storage & pits w/1440 bbls fresh h2o, notified Farmington BLM of spud time on 4/2/12 am weld up 16" riser to rotating head & flow T, ru gas buster lines, ru hcr valve for diverter & 6" blooie line to lined pit									
				complete nipple up of flow T to shakers									
Report Start Date	Report End Da			drill rathole & mousehole, rack out & tally drill collars & drill pipe bha Operations Summary									
4/2/2012 4/3/2012 cont racking out drill collars & drillpipe, Pu & mu Reed 14 3/4 w/3 - 12's and 4 - 18's, 7 3/4" NOV straight dnhole motor Pu drill out f/95' - 155' w/465 gpm fresh h2o on hole, 135 rpm @ bit, 135 rpm @ bit, total 4-8" dc in hole, start pu 6 1/2" dcs cf - 339' w/8 pts on bit 135 rpm @ bit ran w/survey @ 274' 1 dc survey @ 390' 1 degree drill 497' - 608' w/8 - 10 pts on bit, 11 degree drill 608'- 761' w/10 pts on bit, 135 rpm @ bit ran w/s survey @ 843' 2 1/4 degrees reduced w/hole, drill 915' - 1006', total bha in hole bit, mtr, 4-8"dc, 20-6" lower wob to 7 pts w/144 rpm @ bit drill 1006' - 1080' w/6 - 7 rtns 8.4# fluid, continue drilling and add duo-vis @ 1ppb, to r/s screens plugged off on shakers lost fluid to roll off bin, pu off bin recip pipe hole good cond, ld 7 jts 4 1/2" dp to 896' circ from the strain of the property of of t							Pu & rih n @ bit ra s change 1 degree it, 135 rp wl surve ed wob t 0-6"dc & 1 to mud t 1 off botto	w/bit, mtr, 6' strip an wl survey @ 9 e out stripping rut e drill 339' - 497' v m @ bit, rop avg y @ 691' 1 1/2 de o 8 pts & increas 4-4 1/2" hvwt dp op system drill 10 om, sd pump, 1" f	pping rub 0' 1 deg bber for 6 4/8 pts o 90 fph re grees d ed to 14 ran wl s vell flowir 180' - 111	ober & 3 - 8" dc to tag @ 95', ree drill 155' - 248' w/8 pts on 6 1/2" dc & 4 1/2" dp drill 248' w/8 pts on 6 1/2" dc & 4 1/2" dp drill 248' w/9 to an w/9 survey @ 541' 1 rill 761' - 915' w/10 pts on bit 4 rpm @ bit to straighten urvey @ 937' 2 1/2 degrees, ng water during connection, 6' w/7 pts on bit, 144 rpm, 1 well, pump h20 back from			
. Dur	hrs)	5557.37	2.56 8.55 4.34 (7.4	Sample of	7.0		Comment		an given				
		0.50	Pu & mu Ree straight dnhol	d 14 3/4" le motor						and 4 - 18's, 7 3/4" NOV			
			Pu & rih w/bit, mtr, 6' stripping rubber & 3 - 8" dc to tag @ 95', drill out f/95' - 155' w/465 gpm fresh h2o on hole, 135 rpm @ bit ran wl survey @ 90' 1 degree										
				_	-	@ bit, total 4-8" do	c in hole,	start pu 6 1/2" de	cs				
			•		bber for 6 1/2" d	•							
				drill 248' - 339' w/8 pts on bit 135 rpm @ bit ran w/survey @ 274' 1 degree									
			-	_	on bit, 135 rpm	@ bit							
			ran wl survey			•							
					-	rpm @ bit, rop avç	g 90 fph						
) ran wi survey) drill 608'- 761	-	on bit, 135 rpm	@ hit							
			ran wi survey	•	•	<u></u>							
		2.00) drill 761' - 91	5' w/10 pt	s on bit 135 rpm	n @ bit							
			ran wi survey	-	_	1 rnm @ hit to	niahtan I	holo drill 0451 4	0061 654	al bha in bala bit mtr. 4 0"-1-			
			20-6"dc & 4-4	1/2" hvw	t dp	, –	_		000 , tOta	al bha in hole bit, mtr, 4-8"dc,			
		0.50	ran wi survey	<u>س عن 2</u>	1/2 degrees, 10	wer wob to 7 pts w	w 144 thu	ii @ Dit					

RESOLUTE

Daily Activity Report

Number	Section	Township	Range	Field Name	County		State/Province	Wellbore Config
037500250000	8	41S	24E	Ratherford	San Jua	an	Utah	Vertical
und Elevation (ft)	Casing Flange E	levation (ft)	KB-Ground	Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time	9	ease Date/Time
4,613.00				0.00		4/2/2012 0	8:00	
Dur (d=:11 40001	1000110	7	Comment			
	2.25	add duo-vie ann 1000	1080°W/6 -	· / pts on bit, 14 o mud up systei	4 rpm, well flowing water d	uring connection, i	rtns 8.4# fluid, c	ontinue drilling and
						ahalawa laat fisid t	to well off him	-50 (11.
	0.75	uliii 1060 - numn 1" flo	w from we	ll, pump h2o ba	om, screens plugged off on	snakers lost fluid i	to roli oπ bin, pu	off bottom, sd
		• •		• •	/2" dp to 896' circ hole, whi	lo bringing vie un	to 25 9 start add	lina has ta inasaa
	2.00	fluid wt to 8.	6 - 8.8 ppc	ona, ia 7 jis 4 i 1	72 up to 690 circ noie, will	ie bringing vis up	to 35 & start add	ling bar to increas
port Start Date		Operations Sum		···-				
4/3/2012	4/4/2012	condition mu	ud in syste	m w/10.4 ppg m	nud from storage, brought n	nud wt up to 9.3 p	pg while circulat	ing, circ until trace
		flow w/pump	off pu 7 s	ingles of 4 1/2"	dp & tih from 896', no ledge light 1/4" water flows durin	es or tight spots ho	ole in good cond	tion drill f/1116' -
		f/1227' - 147	રુ⊍ાઇલ @ '5'td ran પ	M survey @ 147	75' 1 3/4 degrees, ran swee	g connections ran	wisurvey@ 11	55' 1 degree drill
		nutplug, mic	a @ end c	of drillpipe start t	ooh w/dp	p or poly plus a m	at plag, then spe	nieu salecalb &
Dur (ore)	· •						
Dui (condition mu	ıd in syste	m w/10 4 ppg m	Comment nud from storage, brought n	and whim to 9.3 m	na while circulat	ing circ until trace
		flow w/pump	off		.aa o otorago, broagint n	idd iit ap to o.o p	pg wille on calat	ing, circ uniti trace
	0.50	pu 7 singles	of 4 1/2" of	p & tih from 89	6', no ledges or tight spots	nole in good condi	tion	
					4 rpm @ bit, light 1/4" wate			
	0.50	ran wi surve	y @ 1155'	1 degree		ū		
		drill f/1227' -						
				1 3/4 degrees				
				& nut plug, the	n spotted safecarb & nutplu	ıg, mica @ end of	drillpipe	
oort Start Date		start tooh w/						
4/4/2012				collars Id 4 8'	collars well flowing 1/2" st	ream to nite onen	her divert flow t	a lipad pit ad flavo
	1	returns start	ed to char	ige from 9.3 ppg	to 8.4 ppg dirty water, allo	w returns to clean	up hauled all he	eavy mud returns to
		storage in 40	00 bbl tani	c on B414, and t	then started hauling fresh w	ater returns to 15	K battery @ And	th, continue to hau
	ľ	while runnin	g casing r	u csg crew, jsa o	on communication on rig flo	or, pu & rih w/ 10	3/4" Hbton float	shoe, 1 jt 10 3/4"
		tag td @ 14	75'nu 1'c	off hottom hand	4" float collar, 34 more jts 19 in elevators, rd casing crev	U 3/4" csg, ran cer	ntralizer every 4	in joint to surface,
		csg & chain	down to fle	oor, ru cmt line a	% fresh h2o to pump truck, I	have 800 bbls fres	sh on loc for cmt	iob. isa w/cmt & ri
		crew, pressu	ıre & stayi	ng clear of pres	sured line, pt lines to 4572	(ok) pumped 20 bl	bls fresh h2o sp	acer, pumped
		261bbls lead	1 @12.5#	1.88 yield 9.47	gal sk which is 780 sks, mi	x h2o 175.8 bbls,p	umped 37.1 bbl	s tail @ 15.8 # 1.1
		yleid,4.98 ga displacemen	aiskswnic ot@ 4 hon	n is 180 sks, mi n then slowed to	x h20 21.3. drop plug cacu o 2 bpm @ 100 bbls gone (ilated 140.5 bbls o	lisplacement, pu	imped 100 bbls h2
		1650 psi. loc	ckina up le	aving 36.5 bbls	of cmt in casing which is 3	72 ft above the flo	spiacement weii at collor shut w	pressured up to ell in with 270 nei r
		to pump dov	vn back sid	de, pumped 12.4	4 bbls cmt @ 15.8 # shut de	own watched cmt t	fall 5 ft, then pur	nped 2.5 bbls and
		waited one h	nour cmt f	ell 3 inches, left	cmt @ top of conductor fla	nge, woc checked	for cement falli	ng @ 0100 hrs it
	·	seems to be	nolaing					
Dur (Comment			
				collars, ld 4 - 8'				
					ncr divert flow to lined pit, n			
	2.00	returns start	ed to char	ige from 9.3 ppg	g to 8.4 ppg dirty water, allo then started hauling fresh w	w returns to clean	up hauled all he	eavy mud returns to
		while runnin		COILD414, and	inen started hadiing hesh v	ater returns to 15	N Dattery @ Arte	ein, continue to nat
				mmunication on	ria floor nu 9 rib uul 40 0141	I I lhian flaci chas	4 34 40 07411 40	F# 1 FF10
	4.00	ru csy crew, centralizers	10 3/4" fla	nat collar 34 mc	rig floor, pu & rih w/ 10 3/4 ore jts 10 3/4" csg, ran centi	alizer every 4th io	, 1 jt 10 3/4" 40. sint to surface to	5#FJ-55 CSG W/3 ag td ⊘0 1475' nu 1
				vators, rd casin		anzor every 4m jo	int to surrace, to	ig ta @ 1475, pa
	1 00	snot Hbton a	& ru equipi	ment nu cmthe	ad on 10 3/4" csg & chain o	hown to floor ruce	mt line & fresh h	20 to numn truck
				loc for cmt job		30111110 11001, 14 01		zo to pamp track,
	0.50	isa w/cmt &	rig crew, p	ressure & stavii	ng clear of pressured line, p	ot lines to 4572 (ok	c)	
					nped 261bbls lead @12.5			30 sks, mix h2o
		175.8 bbls,p	umped 37	.1 bbls tail @ 15	5.8 # 1.16 yield,4.98 gal sks	which is 180 sks.	, mix h20 21.3.	drop plug caculate
					bbls h20 displacement @			
		obis into dis the float coll		wen pressured	up to 1650 psi, locking up	eaving 30.5 DDIS	or critt in casing	which is 3/2 ft abo
			•	si, r/u to pump o				
					down watched cmt fall 5 ft,	then pumped 2.5	bbls and waited	one hour cmt fell
			- ,	of conductor fla	•			
	10.00	woc checke	a for ceme	ent falling @ 010	00 hrs it seems to be holdin	g		

Daily Activity Report

RESOLUTE NATURAL RESOURCES

	: Ra	therford U										
00250000)	Section 8	Township 41S	Range 24E	Field Name Ratherford		County San Juai			Wellbore Config Vertical		
vation (ft) 4,613.00		Casing Flange	elevation (ft)	KB-Ground [O.00	KB-Casing Flange D	istance (ft)	Well Spud Date/Time 4/2/2012 08:00	Rig Relea	se Date/Time		
rt Date /2012	Repor	rt End Date 4/6/2012	surface pipe. farmington n. hot shoted fro 5mins, 2000	under sub test well h m of bop to om weathe psi for 10 r	ead 1000 psi f est got no call rford, replace _l nins, tested ar	or 5 mins (ok) n/u back from them.te pipe ram rubbers,t ınular @ 250 low f	bop,hydrill st bop,hyd ested pipe or 5 mins,	uctor,10 3/4 surface cut ,rotating head,choke ma Irill, chock manfold, acr v rams,blind rams, choke 1500 psi for 10 mins, tes 10 stds d/p pick up 4 jts o	infold, flow raive would manfold, e sted csg 66	line, notifled blm In't test had one 250 psi low for		
Dur	ur (hrs)						Comment					
		6.00 0.50 4.00	cut conductor test well head n/u bop,hydri them.	oc get bop under sub clean bolts get ready to nipple up. ut conductor,10 3/4 surface cut off 20 ft, weld well head on surface pipe. est well head 1000 psi for 5 mins (ok) /u bop,hydrill,rotating head,choke manfold, flow line, notifled blm farmington n.m of bop test got no call back from								
			rubbers,teste 250 low for 5	ed pipe ram mins, 150	s,blind rams, o 0 psi for 10 mi	choke manfold, @ ns, tested csg 600	250 psi lo psi for 30	t shoted from weatherfor w for 5mins, 2000 psi for mins, funtion test accun	10 mins,	pipe ram tested annular @		
rt Doto	Dance		tih with 10 sto		ors, 2 sdts whd	p, 10 stds d/p pick	up 4 jts d	/p.				
rt Date /2012	Kepor	nt End Date 4/7/2012	cont tih taged 97/8 reed m4 jsa with wire crew, p/u mo	d cement @ 214cp,ser line crew, r tor, make u , rotate 60,	# lw5114, 3-18 /u wire line. Ru up tih, drlg cem	3 jets, with 1-16 ce un in hole with log ent f/1461 to1478	enter jet cir ging tool, le , pump cel	' cement on top of float on c, tooh 11 stds d/p, 2 std og casing, cement arour ment water from pits and fph will take survey arou	s hwdp, 10 d casing of hole to re	0 stds 6 1/2' d/c, ok. r/d wire line s pit dril f/1478 to		
Dur	ur (hrs)						Comment	' cement on top of float o				
rt Date	Renor	0.50 2.00 1.00 0.50 2.00 1.00 2.00	circ tooh 11 stds jsa with wire r/d wire line of p/u motor, ma drig cement f pump cemen	d/p, 2 stds line crew, r crew ake up tih f/1461 to14 t water from 1540 wob otate from	hwdp, 10 stds /u wire line. Ro -78 m pits and hole 15, rotate 60,	6 1/2' d/c un in hole with log	ging tool, l	og casing, cement arour og rop 15 to20 fph will tak				
/2012	, topo,	4/8/2012	drlg f/ 1540 to 18ft per hr to	o 1603, sui 40 ft per h	r will survey ag	deg, drlg f/1603 to gain in 300 ft, surv on bit to 18000, so	ey @ 1844	ange wt on bit from 1500 4 1 deg, serv rig, drlg f/19 315 11/2 deg	0 to 25000 915 to 223	orop went from 0, survey @ 2158		
Dur	ur (hrs)	400	drig 51 4 5 4 0 1	0 1600			Comment					
			drlg f/ 1540 to									
		9.50	300 ft	1915 chai		om 15000 to 2500	00 rop wen	t from 18ft per hr to 40 f	per hr will	survey again in		
		6.00 0.50 2.50 0.50	survey @ 23	2230 58 2 deg 2386 bac 15 11/2 de	k off wt on bit t	o 18000						
rt Date /2012		ort End Date 4/9/2012		o 2544, su lole maid c	onn, drlg f/273		s up to 40	ork tight hole f/2732 to 2 again, dawn crew addec				
Dur	ur (hrs)	5 50	drlg f/ 2386 t	0 2544			Comment					
		0.50 4.50 2.00 5.50 0.50	survey @ 24 drlg f/ 2544 t work tight ho	77 2 deg o 2732 de f/2732 to o 2793 bui 23 1.5 deg		-	-					
		2.00 5.50 0.50	work tight ho drlg f/2732 to survey @272	le f/2732 to 2793 bui 23 1.5 deg					1660 hole sloffing on us, cleaned up hole maid conn vis up to 40 again, dawn crew added h20 to there pits	- · · · · · · · · · · · · · · · · · · ·		

RESOLUTE NATURAL RESOURCES

Daily Activity Report

API Number 43037500250000		Section 8	Township 41S	Range 24E	Field Name Ratherford		County San Jua	n	State/Provi	nce	Wellbore Co	nfig
Ground Elevation (ft)	Casing	, -	evation (ft)	KB-Ground D		KB-Casing Flange Dist		Well Spud Date/Tin		Rig Release		
4,613.00				<u>. </u>	0.00			4/2/2012	08:00			
eport Start Date 4/9/2012	Report End Date 4/10/20	12 0	Operations Summ Irlg f/2856 to	2919, surv	ey @ 2848 1	11/2 deg, drlg f/2919	to 2950,	drlg f/2950 to 3	3104, surve	еу @ 3033	@ 21/4 de	g, dı
Dur	(hrs)	ı	7 3104 to 312	zu nad dnii	Dack on wt or	n bit from 27000, to 2	25000 omment					
	(1.0)	7.00	irlg f/2856 to	2919			OHIHER	· · · · · · · · · · · · · · · · · · ·				
		0.50 s	survey @ 284	18 11/2 de	g							
			Irlg f/2919 to									
			irlg f/2950 to		d							
			survey @ 303			wt on bit from 27000	to 2500	20				
port Start Date	Report End Date		perations Summ		UIIII DACK OII	WC OII DIC HOIII 27000	, 10 2500	<u></u>				
4/10/2012	4/11/201	S	degrees, drill	f/3279' - 3: 32' 3 degre	355' lowered	p avg 12.5 fph, 140 r wob 2 pts to 24k to s 5' - 3380' w/24 pts o	straighte	n hole, will surv	ey again ir	n 2 kellys de	own, ran w	1
Dur	(hrs)	40.00	J-:1 £10400 t- 1	00071(00	-4		omment					13
			arii 1/3120 to 3 Arill f/3267' - 3		pis on bit, ro	p avg 12.5 fph, 140 i	рш @ р	IL				
			an wi survey		1/2 degrees							
			drill f/3279' - 3			pts to 24k to straight	en hole,	will survey aga	in in 2 kell	ys down		
			an wl survey	@ 3282'	3 degrees					-		
eport Start Date	Panor End Date	2.75	drill f/3355' - 3	3380' w/24	pts on bit, 14	0 rpm @ bit, returns	100% st	hale, mud weig	ht 9.6 vis	46 ph 9 wa	ter loss 14	
4/11/2012	Report End Date 4/12/20	12 c	celly & tooh w 2 stds 4 1/2" I bit, ld motor & dp, tag ledge singles thru ti	3402' w/24 w/16 stds o hvywt dp, ' & bit, mu ne @ 2425', l ght hole se 3420' - 34	f 4 1/2" dp, ho l0 stds 6 1/2" ew Reed 9 7/8 celly up & real ection from 24	p dropping steadily to ble sticky, rih w/1 std dcs, xo, motor & 9 7 Bbit, Mod R25AP mtr m thru shale section 125' - 2712', cont tih v on bit, 140 rpm, 80%	& circ 45 7/8" bit, b 5, xo, 10 s 6, hang b w/dp stds	5 mins to slick uit outer teeth w stds 6 1/2" dc, 2 ack kelly, ld 8 jt s to 3402', drill 3	ip hole, co orn, bearin 2 stds 4 1/2 is dp, tih w 3402' - 342	nt tooh w/2 gs tight, wo 2" hvywt dp v/4 stds dp, 20', ran wl s	6 more std ould not re- , 26 stds 4 ream & circ urvey @ 3	s dp run 1/2 c w/ 344
D.	(h)							T				
Dur	(hrs)	4.00 (frill f/3380' - 3	3402' w/24	nts on hit ror	c p dropping steadily to	omment	lecide to make	hit trin hit	hae 120 hr	e hang ha	ck.
			kelly & tooh w	v/16 stds o	f 4 1/2" dp, ho 10 stds 6 1/2"	ole sticky, rih w/1 std	& circ 4	5 mins to slick u	ip hole, co	nt tooh w/2	6 more std	s di
		7	dcs, xo, moto 7/8bit, Mod R ream	r & 9 7/8" I 25AP mtr,	oit, bit outer te xo, 10 stds 6	eeth worn, bearings t 1/2" dc, 2 stds 4 1/2	ight, wou " hvywt c	uld not re-run bi dp, 26 stds 4 1/2	t, ld motor 2" dp, tag l	& bit, mu n edge @ 24	ew Reed 9 25', kelly u	ı р&
		-	· 2712', cont f	tih w/dp sto		d 8 jts dp, tih w/4 std	s dp, rea	am & circ w/ sin	gles thru ti	ght hole se	ction from	242
			drill 3402' - 34		l dages se							
			ran wî survey			rpm, 80% sandston	a 200/ a	hala muduus:-	ht 0 7 nnc	vio 46 mb	10 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	^-
eport Start Date	Report End Date		Operations Summ		ols on bit, 140	rpm, 60% sandston	e 20% s	nale, mud weig	nt 9.7 ppg,	vis 46, pri	10, water i	JSS
4/12/2012	4/13/20	12	drill f/3468' - 3 drill f/3570' - 3	3570' w/24 3664' w/24	pts on bit 140	0 rpm, 95% shale/5% 0 rpm, 95% sandstor m, 80% sandstone/2	ne/5% sh	nale, ran wi surv				
Dur	(hrs)	10.00	drill f/3469'	3570' 124	nts on hit 140	C 0 rpm, 95% shale/5%	omment	one	t spits o	1 <u>1 1</u>		
					y @ 3505' 2 1		o sariusti	OHE				
						0 rpm, 95% sandstoi	ne/5% st	nale				
		0.50 ו	ran wl survey	@ 3591'	1 3/4 degrees	3						
					pts on bit 140	0 rpm, 80% sandstor	ne/20% s	shale				
eport Start Date 4/13/2012	Report End Date 4/14/20	12 (service, drill f ph 9 rop 8.6 f 95% shale/5% ppg, vis 40, v	3728', 24 p 73728' - 38 fph, ran wl % sandstor vater loss	21' w/24 pts o survey @ 375 ne, 9.6 fph, dri I2 ph 9, pu off	rpm, 100% shale, m on bit, 140 rpm, 95% 55' 2 degrees, drill f/3 ill f/3850' - 3855' 26 f bottom & circ while tone/20% shale, mud	shale/5° 3821' - 3 k on bit, repairing	% sandstone, n 850' increased 150 rpm, 60% s g closed loop ge	nud wt 9.7 wob to 26k shale/40% enerator, c	ppg, vis 43 increased sandstone, ont drill fror	, water loss rpm to 150 mud weig n 3855' - 3	s 10) rp ht 9
tang a manaka Dur	(hrs)		drill f/3696' - rig service	3728', 24 p	ots on bit, 140	rpm, 100% shale, n	omment nud wt 9.	8 ppg, vis 45, v	ater loss	10, ph 9, rop	p 11.6 fph	
									····			
www.peloton.c	om					Page 4/11				Report I	Printed: 5	5/3/

RESOLUTE NATURAL RESOURCES

Daily Activity Report

Number 8037500250000	Section 8	Township 41S	Range 24E	Field Name Ratherford		County San Jua	n	State/Provi Utah	rice	Wellbore Config Vertical
ound Elevation (ft)	Casing Flange E		KB-Ground D	Distance (ft)	KB-Casing Flange [Well Spud Date/	Time	Rig Relea	ise Date/Time
4,613.00			1	0.00			4/2/201	12 08:00		
Dur		drill f/3728' -	3821' w/24	pts on bit. 140	rpm, 95% shale	Comment /5% sands	tone mud wt	97 nna vis	43 water	loss 10.4 ph 9
		rop 8.6 fph		p. 0 0		070 001100	iono, maa wi	o., ppg, 415	TO, Water	1033 10.4, pi 19
		ran wi survey					0.004			
	3.00 1.25	drill f/3850' -	3850' Incre	ased wob to 2	6k increased rpm n, 60% shale/40%	to 150 rpn	n, 95% shale/	/5% sandsto	ne, 9.6 fp	or loop 12 mb 0
	0.50	pu off bottom	a & circ whi	le repairing clo	sed loop generat	or	o, maa weign	it 5.7 ppg, vis	90, Wat	ei ioss 12 pii 9
		cont drill from	n 3855' - 38		n bit, 150 rpm, 80		one/20% shale	e, mud weigl	nt 9.8, vis	45, water loss 1
ort Start Date	Report End Date	ph 9 rop 7.5 Operations Sumr	-							
4/14/2012	4/15/2012	drill f/3889' -	3923, wob	26000, 150 rp	m, 90% shale, 10	% sand st	one,vis 45, w	t 9.8, wl 10,	ph 9, 6.8	ft per hr. pump #
		1-131 stk @1	1700 psi, ro 65% shale	p 6.8, change 20% limeston	out dawn genera e, 15% sandston	tor, drig f/3	923 to 3953 \	vob 26000, 1	150 rpms	, pump #1 131 s
		150 rpm, pur	np#1131	stks @ 1700 p	si, 35% shale, 5	% limestor	ne, 60% sand:	stone, vis 45	. wt 9.9.	ph 9, rop 7, surv
		@ 3966 1 1/4 95% shale 5	4 deg, drlg 5% limestor	f/4006 to 4051 ne vis 45 wt 9	change wt on bit .8, ph 9, wl 10, ro	from 2600	00 to 28000,1	50 rpm, pum	p#1130) stks @ 1700 ps
		0070 011410, 0	70 1111103101	10, 110 10, 111 0	.o, pir o, wi ro. ro					
Dur		drill f/3889' -	3923 wob	26000 150 rp	m, 90% shale, 10	Comment	one vis 45 w	198 wl 10	nh 0 6 8	ft ner hr. numn t
		1-131 stk @			, 0070 011010, 10	, 70 oana si	10/10, VIO 40, VV	10.0, 111 10,	pii 5, 0.0	it per til. pullip #
		change out d								
	4.50	drlg f/3923 to vis 48, wt 9.4	3953 wob	· 26000, 150 гр 6 6	ms, pump #1 131	I stks @ 17	700 psi, 65%	shale, 20% l	imestone	, 15% sandstone
	7.50				m, pump # 1 131	stks @ 17	'00 psi, 35% s	shale 5 % lir	nestone	60% sandstone
		vis 45, wt 9.9	9, ph 9. rop	7	,		00 po., 00 /0 (a.o, o 70 iii	,	oo /o danastone
		survey @ 39								
	6.00			nge wt on bit fr 3, ph 9, wl 10. i	om 26000 to 280 op 7.5	00,150 rpm	1, pump # 1 1	30 stks @ 1	700 psi, 9	95% shale, 5%
port Start Date	Report End Date	Operations Sumr	mary						·	
4/15/2012	4/16/2012	drlg f/ 4051 t	o 4069 wol drig f/4069	28000, rpm 1	50, pump # 1 172 28000, rpm 150, j	20 psi, 80%	6 shale, 20%	linestone, vis	45, wt 9	0.7, wl 10, ph 9, r
		13, ph 9, rop	7.5, dril f/4	122 to 4175, v	vob 28000, rpm 1	50, pump #	# 1 1720 psi, :	80% shale, 2	20% sand	Istone, vis 44, w
		9.8, wl 12, pl	h 9,rop 6.6,	dril f/4175 to 4	1220, wob 28000, vey this kelly dov	rpm 150, i	pump # 1 172	20 psi, 80% s	hale, 20°	% sandstone, vis
Dia.		10, W. 0.0, W			vey triis kelly dov	_				
Dur		drlg f/ 4051 t	o 4069 wol	28000, rpm 1	50, pump # 1 172	Comment 20 psi, 80%	shale, 20%	linestone, vis	45. wt 9).7. wl 10. ph 9. r
		7.2		•	, ,	• •	,			,,,, .
		serv rig	. 4400	. 00000 4	50 # 4 4 7	20 000	(t-1- 000/			
	7.00	rop 7.5	0 4122, Wol	28000, rpm 1	50, pump # 1 172	20 psi, 80%	snale, 20%	sandstone v	s 43, wt	9.9, wi 13, ph 9,
	8.00	•	4175, wob	28000, rpm 1	50, pump # 1 172	0 psi, 80%	shale, 20% s	andstone, vi	s 44, wt	9.8, wl 12, ph 9,r
		6.6								•
	6.00	dril f/4175 to	4220, wob	28000, rpm 19 down @ 4229	50, pump # 1 172 5'	0 psi, 80%	shale, 20% s	andstone, vi	s 43, wt	9.9, wi 12, ph 9,
port Start Date	Report End Date	Operations Sum	mary							
4/16/2012	4/17/2012	drig f/4220 to	4227 wob	28000 rpm 15	0, pump # 1 130 4154 1 deg, drig	stks @ 170	00psi, 95% sa	andstone, 5%	shale, v	ris 44, wt 9.9, wl
					hale, 15% sands					
					ump # 1 130 stks 390, wob 32000,					
		9.9, wl 14, pl			390, WOD 32000,	τριτι 150, μ	Jump# 1 130	SINS (@ 1700) psi, 100	7% Silale, VIS 45,
Dur	(hrs)		· · · · · ·			Comment				
				28000 rpm 15	0, pump # 1 130		00psi, 95% sa	andstone, 5%	shale, v	vis 44, wt 9.9, wl
	0.50	ph 9, rop 7ft	•	1.1.400						
		serv rig, surv		-	om 28000, to 310	000.rpm 15	60. pump # 1 ·	130 stks <i>ര</i> 1	700 nei	85% shale 15%
	3.30				rop 6.6 ft per hr	- 50,1piii 10	-, panip # 1		. 00 poi,	-570 Sharo, 1070
		serv rig								
	7.00	drlg f/ 4287 t 14, ph 9, rop			150, pump # 1 13	10 stks @ 1	1700 psi, 90%	shale, 10%	sandstor	ne, vis 44, wt 9.9
		17, pil 0, 10p	•						45 404	
	6.00	drla f/ 4345 t	to 4390. wa	b 32000. rpm	150. pump # 1 13	10 stks @ 1	1700 psi. 100°	% shale. vis -	45. Wt 9.9	9, wl 14, ph 9, ro
	6.00	drlg f/ 4345 t 7.5 ft per hr	to 4390, wo	b 32000, rpm	150, pump # 1 13	10 stks @ 1	700 psi, 100	% shale, vis	45, Wt 9.9	9, wl 14, ph 9, ro

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Daily Activity Report

Well Name:	Rati			TD	Teach Man		10			
PI Number 3037500250000		Section 8	Township 41S	Range 24E	Field Name Ratherford		County San Juan		tate/Province Itah	Wellbore Config Vertical
round Elevation (ft) 4,613.00		Casing Flange I	Elevation (ft)	KB-Ground D	istance (ft) 0.00	KB-Casing Flange D		ell Spud Date/Time 4/2/2012 08:		elease Date/Time
	Report F	nd Date	Operations Summ	any	0.00			4/2/2012 06.	00	
4/17/2012	•	18/2012	drig f/4390 to per hr.rig serv 1475 psi, 70% 1 130 stks 17 presser, put n bit hrs135, me	4415, wob y, survey @ 6 shale, 25 00 psi, 609 nore wt on otor hrs 16	2 4342 1 deg. d 3 % sandstone, 6 linestone, 20 bit to check mo 7, bit drlg 1101	rlg f/4415 to 447 5 % linestone, ro % shale, 20% sa otor and diff pres	3 change wt cop 8.9 ft per hi ind stone, rop ser presser st 3.1, hole pullin	on bit from 3200 r, dril f/4473 to 4 8.5 per hr, bit s ill wouldn't com	0 to 34000, 1 4503 wob 340 tarted torque e up, circ pur	wl 13, ph 9, rop 8.3 ft pump # 2 130 stks @)00, rpm 150, pump # ing up, loseing, diff np flush for tooh, tooh pit while tripping.
Dur (hrs)						Comment		1.01	
	,		per hr.			50, pump # 2 130	stks @ 1475	i, 100% shale, v	ris 44, wt 9.9,	wl 13, ph 9, rop 8.3 ft
				4473 chan		om 32000 to 3400 r hr	00, pump#2	130 stks @ 147	75 psi, 70% s	hale, 25 %
		3.50	dril f/4473 to	4503 wob 3 started tor	34000, rpm 150), pump # 1 130 s	stks 1700 psi, put more wt o	60% linestone, on bit to check m	20% shale, and diff	20% sand stone, rop presser presser still
			circ pump flus							
					nrs 167, bit drig	1101 ft, ave ft pe	er hr 8.1, hole	pulling tigh f/44	108 to 3962, o	clean pit while tripping
			finesh cleaning tih taged at 24	.						
		0.50	ld 6 jts							
eport Start Date	Report 5	0.50 End Date	tih with 3 stds							
4/18/2012		19/2012	wash & ream stks @ 1030 4503, td at bit of pea sized of	f/ 2420 to psi, vis 43 t trip, pump cutting, fille	wt 9.8 wl14 ph o # 1 109 stks (ed shaker scree	10, tih f/3005 to 2 1230 psi, pum	4353 work tig ped flushes a 3 to 4563 wob	ht hole f/4353, h round while was 36000 to 3800	nole out of ga	ream, pump # 1 112 uge, ream 150 ft to ng brought back a lot 127 stks @ 1522 psi,
Dur (hrs)						Comment	····		
· · · · · · · · · · · · · · · · · · ·			stks @ 1030	psi, vis 43	3005 hole fell wt 9.8 wl14 ph			0 to 45000 on b	it to wash &	ream, pump # 1 112
				e f/4353, h		je, ream 150 ft to ng brought back a				1230 psi, pumped ens up.
and Otal Data	D		40% shale, ro	op 7 ft per h	36000 to 3800 nr.	0, pump # 1 127	stks @ 1522	psi, rpm 65, vis	44, wt 9.9, w	l 9, 60 % sandstone,
eport Start Date	-	End Date 20/2012	4539 3 deg s stright, will dr 26000 to 280 30 ft. rop 6.8 jumping bad motor and 4-	o 4580, wol erv rig dril t il 30 ft of ho 00 rpm 82, ft per hr cir couldn't pu 8" collors,	f/4580 to 4611 ole and run sur vis 44, wt 9.8, c run survey @ t enough wt an hole tight f/228	, backed wob of vey to see if its v wl 9, 65 % limes 0 4602 3 deg drig d rpm to smooth 0 to 2220, bit wa	f to 26000 to 2 vorking. surve tone, 25 % sa g f/4642 to 464 it out because s balled up w	28000, rpm form by @ 4571 21/4 andstone, 10 % 48 wob 24000 to e of hole deviati ith grey clay I th	n 65 to 80, to deg, ser rig o shale, tr pyrit o 2000, rpm 8 ion. circ for to ink its from o	per hr. survey @ try to bring hole back ldg f/4611 to 4642 wole, wiil run a survey in se string got to boh tooh to pick up ur tight spot. get n/u tih,rerun bit # 4
			bit # 4 in the I seconds to m		03, out at 4648	total footage 14	5 ft, hrs on bit	22, ave rop 6.5	jas on hot w	eather, bop drill 35
Dur	(hrs)	7 41 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	14. * 4===				Comment	4000		
			drlg f/ 4563 to survey @ 453			00, rpm 65, vis 4	5 wt 9.8, wl 9	, 100 % sandsto	one rop 6.8 ft	per hr.
			dril f/4580 to	4611 , bac	_		rpm form 65	to 80, to try to b	oring hole bad	k stright, will dril 30 f
				4642 wob	-		wt 9.8, wl 9,	65 % limestone	, 25 % sands	tone, 10 % shale, tr
			circ run surve drig f/4642 to out because	4648 wob	24000 to 2600	00, rpm 82 string	got to jumping	g bad couldn't p	ut enough wt	and rpm to smooth it
		1.00	circ for tooh	uo						
www.peloton.c	om				P	age 6/11			Re	port Printed: 5/3/20

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Daily Activity Report

	Ratherford U									
API Number 43037500250000	Section 8	Township 41S	Range 24E	Field Name Ratherford		County San Juan		State/Provir Utah	nce	Wellbore Config Vertical
round Elevation (ft)	Casing Flange		KB-Ground D	istance (ft)	KB-Casing Flange Dis		Vell Spud Date/Tim	1	Rig Releas	e Date/Time
4,613.00				0.00			4/2/2012	08:00		
Dur	(hrs)	took to nick i	in motor an	d 4 9" collors	s, hole tight f/2280 t	Comment	waa hallad .w		ala I Alai	1. 11. 6
	4.00	spot.	ap motor an	u 4- o conor	s, note tight 1/2260 t	.0 2220, DIE	was balled up	with grey	ciay i thir	ik its from our tigi
	2.00	•	collors to ca	it walk,id & oc	d collors, ser rig cha	nae oil in d	raw works			
		pu bit,motor,			-					
eport Start Date 4/20/2012	Report End Date	Operations Summ		On Charlians 4						
4/20/2012	4/21/2012	2416 to 2450), reamed 3	4ft while was	its whdp,bha length shing & reaming hol	1 884.13, 59 e keens fall	g sats ap + 1 s lina in on us r	single tag a niv flushes	igain @ 2 seams t	440,wash & rear
		wash & ream	i f/2450 to 2	2478,call Ralp	oh Smith the mud m	an he told ι	us to mix ever	y sks of as	phasol su	ipreme we had o
		loction 88 sk	s, hole still '	fallin in keep v	working pipe & cond	d hole.pum	ping sweep ev	ery 60 ft o	f pipe we	get in the hole.
		71 ft, hang ke	elly tih 1 sto	l I/d top it. p/u	some times a lot, so kelly ream f/2549 to	one ume no o 2707. hol	n very much.v e freed up @	<i>r</i> asn & rea 2707. rear	m 1/ 24/8 ned 158 f	to 2549, reamed t hang kelly tih
		taged @ 459	0, p/u kelly	ream f/4575 t	to 4648, reamed 78	ft, to bottor	m, drlq f/4648	to4672 wo	b 2600 to	28000, rpm 140
		pump # 2 12	9 stks @ 15	543 psi, wt 9.	8 vis 45, wt 8.8, ph	10, 70% sa	indstone, 30%	shale, wil	I survey t	his kelly down
Dur	(hrs)					Comment		******		
	0.50	cont tih w/mo	otor 4-8"dc,:	20-6"collors,4	jts whdp,bha length	884.13, 59	sdts dp + 1 s	ingle	· · · · · · · · · · · · · · · · · · ·	
	1.50	tag again @	2440,wash	& ream, 2416	6 to 2450, reamed 3	34ft while w	ashing & rear	ning hole I	keeps fali	ing in on us, mix
	9.00	flushes seam	•	450 to 2470 a	all Dalah Carith tha					
	6.00	had on loctio	n 88 sks. h	450 to 2478,0 ole still fallin i	all Ralph Smith the n keep working pipe	mud man r مما مصم & ح	ne tola us to m Ne numnina si	iix every si	ks of aspl	nasol supreme w
		hole, bringing	g back grey	shale every t	flush,some times a	lot, some tir	me not very m	uch.	y 00 11 01	pipe we get iii tik
	4.00	wash & ream	f/ 2478 to	2549, reamed	171 ft					
		hang kelly tih						<i>y</i>		
					eed up @ 2707, rea	med 158 ft.	•			
		hang kelly tih			d 78 ft, to bottom					
					0, rpm 140, pump #	2 120 etke	@ 1543 nei v	wt Q Q vie.	15 w/ 8 9	nh 10 70%
	0.00	sandstone, 3	0% shale,	will survey this	s kelly down	Z 129 31K3	W 10-10 psi, v	WL 3.0 VIS	45, WI 6.0	, pri 10, 70%
teport Start Date 4/21/2012	Report End Date 4/22/2012	Operations Sumr		0.1000.1						
4/2 1/2012	412012	shale circ & s 159, wt 9.8, v	survey @ 4 vis 45, wl 8. 4', wob 28k	599 2.25 deg. 8, ph 10, 50%	000 pump # 2 129sk , serv rig drlg f/4674 6 sandstone/40% sł 5 stks @ 1730 psi, ı	l to 4768' w nale/10% lir	ob 26k to 28k nestone ran v	pump # 1 /I survey @	127 sks (2 4688' 2	@ 1800 psi, rpm .25 dea. drla
Dur	(hrs)					Comment			7.3	
		shale			000 pump # 2 129sk	s @ 1543,	wt 9.8, vis 45,	wl 8.8, ph	10,705 s	andstone, 30%
		circ & survey drlg f/4674 to sandstone/46	4768' wob		ump # 1 127 sks @	1800 psi, r	pm 159, wt 9.	8, vis 45, v	vl 8.8, ph	10, 50%
		ran wl survey								
torest Chart Poto		drlg f/4768' - sandstone/10 Operations Sumr	0% shale	28k, pump #	1 125 stks @ 1730	psi, rpm 15	2, wt 9.8, vis	48, wl 8.8,	ph 10, 80	0% limestone/10%
Report Start Date 4/22/2012	Report End Date 4/23/2012	drlg f/4844' - limestone/10 152, wt 9.9 v wob 30k pun	4861' wob 1% shale ran ris 43, wl 8.3 np psi 1800 76' 1.75 de	n wi survey @ 3 ph 10 100% #, rpm 153, w grees, rig ser	si 1700#, rpm 152, v 2 4786' 2 degrees, 5 limestone, increas dt 9.8, vis 43, wl 10 l vice drlg f/4955' - 50	rig service of ed wob to 3 ph 10.5, 65	drlg f/4861' - 4 30K due to lim % sandstone/	870' wob : estone for 30% limes	28k pump mation dr tone/5%	psi 1760# rpm lg f/4870' - 4955' shale ran wl
Dur	(hrs)					Comment				
		limestone/10	% shale		si 1700#, rpm 152, v	wt 9.8, vis 4	7, wl 8.9, ph 1	10, 80% sa	indstone/	10%
		ran wl survey drig f/4861' - 30K due to li	4870' wob	28k pump ps	g service i 1760# rpm 152, w	t 9.9 vis 43,	, wl 8.8 ph 10	100% lime	stone, in	creased wob to
		shale			i 1800#, rpm 153, w	vt 9.8, vis 43	3, wl 10 ph 10	.5, 65% sa	indstone/	30% limestone/5
	0.50	ran wi surve	_		rig service si 1800#, rpm 153,					

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Daily Activity Report

	Ratherford U	0832R							
API Number 43037500250000	Section 8	Township 41S	Range 24E	Field Name Ratherford	County San Ju	n	State/Province		
Ground Elevation (ft)	Casing Flange E	1	1.	Distance (ft)	KB-Casing Flange Distance (ft)	Well Spud Date/Time	Utah	Vertical Rig Release Date/Time	l
4,613.00				0.00	,	4/2/2012 (
Report Start Date 4/23/2012	4/24/2012	ran wl surve f/5046' - 511 from 7.8 - 10 rpm, pump #	5046' w/3 y @ 4975' 0' w/38 pts 0.5 fph, ran f 1 1850 ps 0 degree di	2.5 degrees, ke on bit, 152 rpn wl survey @ 5 i, wt 9.9, wl 8.2	2 rpm 1800# pump psi, wt 1 eep weight at 38 pts w/12 fm, 1884# pump psi, wt 10, v 033' 1 degree added 2 pts 2, vis 43, 70% limestone, 305 w/40 pts on bit pump # 1-2	oh p rate and rechis 50, wl 9.6, phowood to 40K, drig to 40K, drig to 40K and	neck survey 10, 85% sha 75110 - 517 per hr. rig se	in another 100', dr de/15% limestone 3 w/40 pts on bit, 1 erv, pump sweep, s	rlg p rate 150 survey
Dur	hrs)				Comment		1		
	0.50 8.00	ran wl surve; drlg f/5046' - rate from 7.8	y @ 4975' · 5110' w/38 3 - 10.5 fph	2.5 degrees, ke 8 pts on bit, 152	2 rpm 1800# pump psi, wt 'eep weight at 38 pts w/12 fp 2 rpm, 1884# pump psi, wt d 2 pts wob to 40K	h p rate and rech	eck survey	in another 100'	
	5.50				rpm, pump # 1 1850 psi, w	t 9.9, wl 8.2, vis 4	13, 70% lime	estone, 30% shale	. 11.5 1
Report Start Date	5.75		5235 w/40	survey @ 5095 pts on bit pump	1.50 degree o # 1-1875 psi, rpm 150, vi	s 46, wt 9.8, 8.4,	100% linest	one, 10.75 ft per t	hr
4/24/2012	4/25/2012	drig f/5235- shale, 10% I back in mud 44, wt 9.9, w pts,pump # 1 linestone. pu 5337,5233,5	5256 w/40 inestone. c system to il 8.6, rop 1 1-122 stkd ump sweep 153,5053,	irc, survey @ 6 reduce mud wt l2 ft per hr, 95% @ 1850 psi, rp circ to ck sam	p # 1-122 stks @ 1875 psi, 5190 1.75 deg.rig ser, pull 1 t. drlg f/5256 - 5324 w/40 pt 6 line, 5% shale circ survey m 150, vis 43, wt 10, wl 8.0 ple short tooh to 1897,had: 5,4036,2633, the only tight 12 td	20 bbls fluid from s on bit, pump # ' @ 5249 1.75 deoo, rop 12 ft per hr, some tight spots	i pits, so we 1- 122 stks (g drig f/5324 60% shale, @	could put produce @ 1850 psi, rpm 1 - 5412 td, w/40 10% dolomite, 30%	ed wate 50, vis %
Dur					Comment				
	3.00	drig f/5235- ! shale, 10% l	5256 W/40 inestone	pts on bit,pun	p # 1-122 stks @ 1875 psi,	rpm 150, vis 45, v	wt 9.9, wt 8.	4, rop 7 ft per hr, 9	90%
	0.50 0.50 5.50	circ, survey o	@ 5190 1.3 fluid from 5324 w/40 le	pts on bit, pun	uld put produced water back np # 1- 122 stks @ 1850 ps	in mud system t i, rpm 150, vis 44	o reduce mu , wt 9.9, wi	ud wt. 8.6, rop 12 ft per h	ır, 95%
	7.50	drlg f/5324 - shale,10% d	5412 td, v lolomite, 30	v/40 pts,pump a 0% linestone.	# 1-122 stkd @ 1850 psi, rp	m 150, vis 43, wt	10, wl 8.0,	rop 12 ft per hr, 60	0%
	2.50	pump sweep short tooh to upper hole v tih tag fill @	1897,had vas @ 263		ots @ 5337,5233,5153,5053) over	,5025,4885,4475	i,4036,2633	, the only tight spo	ot in the
		wash & rean		d					
Report Start Date 4/25/2012	4/26/2012	drag @ 4005 well, logs we tih to shoe c	weep after: 5,3737,235 ent to 2400 irc & cond	60, 2185, didn't ' and stoped.pu mud to a 90 vis	y @ 5345 2.25 deg I/d 6 jts pull over 22,000 over string Ill out of hole with logging to s tih tag @ 2400' kellyed up 4 hrs to wash the first 40' of	wt. safety meetii ools r/d,sent then break circ start v	ng w/ weath home as pe washing & n	erford, r/u wire line er Bill Ordemann o eaming,bringing ba	e, log orders
Dur					Comment				
					y @ 5345 2.25 deg hole showed a little drag @	4005,3737,2350	ı, 2185, didr	n't pull over 22,000) over
	3.50	safety meeti	ng w/ weat nhome as p	herford, r/u wir per Bill Ordema	e line, log well, logs went to ann orders	2400' and stope	d.pull out of	hole with logging	tools
		tih to shoe		0.1-					
		circ & cond i tih tag @ 24		U VIS					
			reak circ st		reaming, bringing back dime	sized and pea si	ized shale.te	ook 4 hrs to wash	the firs

RESOLUTE NATURAL RESOURCES

Daily Activity Report

Number 8037500250000			Section 8	Township 41S	Range 24E	Field Name Ratherford	County San J		State/Prov Utah		Wellbore Config Vertical
ound Elevation (ft) 4,613.00		Casing	Flange Ele	evation (ft)	KB-Ground [Distance (ft) 0.00	KB-Casing Flange Distance (ff) Well Spud Date/Tin 4/2/2012		Rig Release	Date/Time
ort Start Date 4/26/2012	•	End Date (27/201	2 v v v c c b b b v v p c c c c c c c c c c c c c c c c c	vash & rean deaning up break circ @ break circ @ 5151-5173,5 vhile buildin	n f/2406 to n f/2452 to good now r g 3106, mix g 5089, rear g wt started ush at that t	2648 wob 10,00 mix sweep circ a sweep and circ or through bridg 5332-5369, the digetting heavy time wated for it	100 to 14,000, rpm 80, pu 200 to 14,000, rpm 80, pu around, to I/d 6 jts d/p I/d c, wind got to blowing to I ier I/5089 to 5109 tih who n we got to 5400 and rea returns, with vis @ 92 wt t to return brought back v	mp # 1 @1150psi i 5 jts w/kelly to 242 pad to cont tih.han lly taged bridges (med to 5412, circ @ 10.5 circ untill s	mud 9.9, v 0.tih w/11 g kelly co @ these d & cond m shaker sc	vis 92, wl 6. stds d/p to nt tih tag @ epths ud to a 90 v reens show	0 ph 9, hole 3106 kelly up 5089 kelly up ris, 11ppg wt,
Dur	(hrs)						Commen				
			5.00 v	vash & rean vash & rean leaning up	n f/2452 to	2452, wob 10,0 2648 wob 10,0	00 to 14,000, rpm 80, pu 00 to 14,000, rpm 80, pu	mp # 1 @ 1100 ps	si, mud wt mud 9.9,	10 vis 80, v vis 92, wl 6.	M 6.0, ph 8.2 0 ph 9, hole
						to 1/d 6 jts d/p					
				'd 6 jts w/ke h w/11 stds							
							and circ, wind got to blo	wing to bad to con	t tih		
			1.00 h	ang kelly co	ont tih tag (2 0 5089		-			
							igh bridge f/5089 to 5109				
			6.00 c	irc & cond i	mud to a 90	vis, 11ppg wt,	hs 5151-5173,5208-5344 while building wt started umped a flush at that time	getting heavy retu	rns,with v	is @ 92 wt	@ 10.5 circ ur
							700-4369 no trouble with				-
4/27/2012	4/	28/201	jt ti d	urgeing holes w/ kelly runder some some some some some some some some	e, top part of the control of the co	of hole saw no n taged fill @ 5- nole for short tri in to keep from ottom, saw no v/ sweep,circ cl	pipe to see if upper part drag,taged @ 5335, kelly 407 wash to 5412 td, pur p back to 2300', as per b swabing, no drag, tih 40 drag had no fill, kellyed u ean hole.to I/d d/p d/c, I/d	red up break circ v nped sweep aroun ill ordemann order ft per min to keep p break circ @ 53	vashed the d and got s, vis 87, from surg 90 had no	rough bridge back hvy re wt 10.7, who eing hole,pa ofill, mix swe	e @ 5332, p/u eturns back @ 5, ph 8, l/d 5 jt /u 5jts d/p mak eep circ aroun
Dur	(hrs)		1.00 v	vate for 1 hr	with hit&co	ollars in surface	Commen	of hole is falling in			
			3.00 ti 1.00 k 1.50 p	ih 40 ft per i ellyed up b	min to keep reak circ wa celly run to l	from surgeing ashed through i	hole, top part of hole say	v no drag,taged @	5335	nd got back	hvy returns ba
							per bill ordemann order		wl 5, ph 8		
			2.00 ti 2.00 k	ih 40 ft per i	min to keep	from surgeing	ep from swabing, no drag hole,p/u 5jts d/p make u II, mix sweep circ around	o in drill string run	to bottom ttings w/ s	, saw no dra sweep,circ c	ag had no fill clean hole.to I/o
ort Start Date	Report F	End Date		d d/p d/c co		er min to keep	form swabing hole, hole	seams to be clear	no drag		
4/28/2012		29/201	2 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	change out in a fety meeting a fety	rams, r/u cs ng w/hallibu 2.3 density al/sk =20.5 nt 205.2 bbl .3%hr-5,firs ater, space bbls, mix f bbls fresh v	urton,test lines, r,1.95 yield,10.0 bbls mix,h20 11 s.got 60 bbls cr st stage tall mix r 20 bbls drilling luid 10.04 gl/sk vater to displace	meeting.run 128 jts 7" 26 cmt 1st stage,spacer #1 14 gal/sk,=177.2 bbls mi: 1.8 bbls, pumped 110 bbl mt back to surface, first sed with .1% halad-r-9, .1 g mud,spacer 20 bbls fee ,2nd stage tail 100sks @ e,good circ through job b rface.n/d set slips,cut cs	 - 5 bbls fresh wate, , h2o 121.9.1st st s fresh water to gestage lead mixed v 25 poly-e-flake cir sh water,2nd stage 15.8 density, 1.15 ut got no cmt to su 	er, 20 bbl age tail 10 et 309 ft al vith 5 lb ke c start 2n e lead 570 i yield +20 urface,cale	mud flush,fi 00 sks @ 15 bove dv tool ol-seal,.125 d stage test 0 sks @ 12.3 0.5 bbls, mix	rst stage lead 5.8 density,1.19 I,total Ilines,spacer 2 3 density,1.94 c fluid 5 gl/sk.
Dur	(hrs)						Commer				<u> </u>
				•		sg crew, safety	meeting				
				out cmt hea	•	SET @ 5410 bottoms up				***	
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RESOLUTE NATURAL RESOURCES

Daily Activity Report

Number 037500250000		36	ection 8	Township 41S	Range 24E	Field Name Ratherford		County San Jua	n	State/Prov	ince	Wellbore Config Vertical
ound Elevation (ft)		Casing Fla			KB-Ground D		KB-Casing Flange		Well Spud Date/Ti		Rig Relea	ase Date/Time
4,613.00						0.00			4/2/2012	2 08:00		
Dur	(hrs)							Comment		T		
		- 2	2.00 sa	fety meeti	ng w/hallibu	irton,test lines	s, cmt 1st stage,s	pacer #1 - 5	bbls fresh wa	ter, 20 bbl	mud flush	n,first stage lead
			51	0 sks @ 1	2.3 density	1.95 yield,10.	.04 gal/sk, =177.	2 bbls mix, h	ı2o 121.9.1st s	tage tail 10	00 sks @	15.8 density,1.15
			yle di	910,4.96 ga	11/SK =20.5 I	obis mix,n20 1	11.8 bbls, pumpe	d 110 bbls fr	esh water to g	et 309 ft al	pove dv to	ool,total
							cmt back to surfa			with 5 lb kg	ol-seal,.12	25
			рC	лу-е-паке,	.5 70111-5,1118	i stage tall IIII	xed with .1% ha	iau-r-9, . i 25	роіу-е-паке			
			4.00 ciı	c								
		:	2.00 sta	art 2nd sta	ae test line	s.spacer 20 b	bis fresh water, s	pacer 20 bb	ls drilling mud	spacer 20	hhis fresi	n water,2nd stage
			lea	ad 570 sks	@ 12.3 de	nsity,1.94 viel	d +196.9 bbls, n	ix fluid 10.0	4 al/sk.2nd sta	ge tail 100	sks @ 15	8 density 1.15
			yie	eld +20.5 b	bls, mix flu	id 5 gl/sk, pur	nped 97 bbls fre	sh water to d	lisplace,good o	circ through	ijob but g	ot no cmt to
			SU	ırface,calcı	ulations bas	sed on lift pres	ssure puts cmt 3	50' to 400' fr	om surface.	•		
			6.50 n/	d set slips,	cut cea							
				ange out b	•							
oort Start Date	Report Er			erations Sum						····		
4/29/2012		0/2012				valve choke i	manfold & flow li	ne test hon	hlind & nine ra	me 25∩nei	low for 5	mins,2000 psi hi
			fo	r10 mins.c	hoke manfo	old 250psi low	for 5 mins 2000	high 10 min	s, annular 150	nns 200psi Onsi for 10) mins cs	a 250 psi low 5
			m	ins, 1000 h	nigh for 30 r	nins, change	out liners in pum	wod n/1 & d	er swivel hoses	s. p/u 160 i	ts d/n out	of basket and
			st	rap, safety	meet w/ blo	ue jet r/u w/l r	un cbl, tag some	thing @ 276	7, cmt top @ 1	070, r/d w/	I move 5'	collars to pipe
			ra	ck, make ι	ıp bit bit sul	o, tih w/10 d/c	, 160 its d/p, tag	@ 2794, pic	k up power sw	ivel, and ri	a up. bre	ak circ @ 2804' o
			cn	nt 13' cmt,	tag dv tool	@ 2817 and	drlg through it, h	ang swivel ti	h w/dp tag @ ଶ	5333', p/u s	wivel bre	ak circ dril cmt
Dier	(hrs)							Comment				
- Ju	(180)		5 00 n/	u hon kill s	valves hor	valve choke i	manfold & flow li	Comment			·	
									10 mina ahaka	manfald 1	EOnoi love	for 5 mins 2000
			0.00 to hi	ah 10 mins	annular 1	500 nsi for 10	mins csg 250 p	i low 5 mins	10 mins, choke	r 30 mine	oupsi iow	TOT 5 MINS 2000
							er swivel hoses	31 10 17 0 1111113	, 1000 mg/1 lo	1 00 1111113		
						sket and strap			. =			
							tag something (2) 2/67, cmt	top @ 1070			
					5" collars to							
							jts d/p, tag @ 27	94				
					er swivel, a							
			2.00 br	eak circ @	2804 drlg	cmt 13' cmt, ta	ag dv tool @ 281	7 and drig ti	nrough it			
		;	3.50 ha	ang swivel	tih w/dp tag	@ 5333						
					eak circ dri	l cmt						
port Start Date	Report Er			erations Sum								
4/30/2012	5/	1/2012	ar	ig 25 ft cm	t to shoe, ta	ag shoe @ 54	09.50 dril throug	h shoe to 54	12 csg point @	td, drlg f/	5412 to 5	5417 drig 5 ft nev
			no	Die for test,	leak on tes	st @ 5417 100	DO psi for 15 min:	stest (UK),	drig t/5417 to 5	5476 drilling	g with pro	oduction water, g
			m	ooting w/b	alliburton r/	o lo sovo la, p	oump sweep aidi	it get any tr	ing back, noie	clean, I/a	r jis, toon	strap out, safety
				ceang with	alliburtori i/	u log nole						
Dur	(hrs)							Comment				
							09.50 dril throug	h shoe to 54	·12 csg point @	② td		
				-		g 5 ft new hole						
		•	0.50 le	ak off test	@ 5417 10	00 psi for 15 r	nins test (0k)					
		:	5.50 dr	ig f/5417 to	o 5476 drilli	ng with produ	uction water, got	oil on shake	r			
		(6.50 dr	ig f/5476 to	5600 td							
			1.00 pt	ımp sweep	didn't get	any thing back	k, hole clean					
			0.50 1/0	l 7 jts								
			4.00 to	oh strap o	ut							
		:	2.00 sa	fety meeti	ng w/hallibu	ırton r/u log h	ole					
port Start Date	Report Er			erations Sum								
5/1/2012	5/:	2/2012	cc	ont logging	well, crew	change cont l	ogging, r/d logge	rs, p/u & m/	u under-reame	r, ran bit #	5 back in	hole under the
			ur	nder-reame	er, tih w/ un	der-reamer, s	wivel up & start t	ınder-reamir	ng @ 5412 wt o	on under-re	eamer 1.5	pts to 2.0 pts, 76
											ots to 2.5	pts 75 rpm, if we
			рі	ut more the	n 2.5 pts o	n reamer swiv	el stalls out, rea	ming going s	slow at this time	e.		
Dur	(hrs)							Comment				
			2.00 cc	ont logging	well							* * * * * * * * * * * * * * * * * * * *
			7.00 cr	ew change	cont loggi	ng,						
				d loggers								
					nder-reame	r. ran bit # 5 h	ack in hole unde	r the under-	reamer			
				า w/ under-		.,						
							440		oto to 2 0 pto -	70 rnme	nder-rea	mod f/E412 to E4
						reamina an -						
							412 wt on under-		•			
			6.00 ur	nder -ream	f/5426 to 5		der-reamer 1.5		•			ts on reamer swi

RESOLUTE NATURAL RESOURCES

Daily Activity Report

API Number 43037500250000		Section 8	Township 41S	Range 24E	Field Name Ratherford	County San Jua		rovince	Wellbore Config Vertical
Ground Elevation (ft) 4,613.00	Casing	Flange Elev	ation (ft)	KB-Ground D	Distance (ft) 0.00	KB-Casing Flange Distance (ft)	Well Spud Date/Time 4/2/2012 08:00	Rig Rel	ease Date/Time
Report Start Date 5/2/2012	Report End Dat 5/3/201	2 un pe pe 70 are	er hr from 5 er hr., then i), pump # 2 ound, shak	/5436 to 55 436 to 544 op went do 120spm @ er screen o	2, got a drlg br own to 22' to 3 ∄ 1690 psi rop clean, hole in g	er 3.5 to 4.0 pts rpm 72 pur eak @ 5443 to 5445 5 ft pe 0 per hr, crew change under 25 to 30 ft per hr, 241/2 hrs ood shape, I/d 7 jts 3.5 d/p swivel, I/d d/p,d/c	er hr, got a good drig bi ream f/5561 to 5600 v to under-ream 188ft, a	eak @ 544 vt on ream eve rop 7.6	18 to 5537 35 to 55 t er 3.5 to4.0 pts rpm hr. circ sweep
Dur	(hrs)	pe	r hr from 5	436 to 544	561 wt on ream 2, got a drlg br own to 22' to 3	Comment er 3.5 to 4.0 pts rpm 72 pur eak @ 5443 to 5445 5 ft pe) per hr	mp # 2 120spm @ 167 er hr, got a good drig bi	6 psi, ream eak @ 544	ning slow @ 1 to 2 ft 48 to 5537 35 to 55 f
		2.50 cre	ew change per hr, 241/	under rear 2 hrs to ur	m f/5561 to 560 nder-ream 188f	00 wt on reamer 3.5 to4.0 pi t ave rop 7-6 hrs.	s rpm 70, pump # 2 12	:0spm @ 1	690 psi rop 25 to 30
		0.50 cir 0.50 l/d 3.00 ha 0.50 l/d 2.00 tih 1.00 r/d	c sweep ar 7 jts 3.5 d ng swivel t under - re to 5600 no	ound, shal /p w/ swive ooh amer	ker screen clea	n, hole in good shape			

Sundry Number: 26450 API Well Number: 43037500250000

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND N		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368
SUNDR	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo
	posals to drill new wells, significant reenter plugged wells, or to drill hori n for such proposals.		7.UNIT or CA AGREEMENT NAME: RATHERFORD
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: Ratherford Unit 8-32R
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOU	RCES		9. API NUMBER: 43037500250000
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950,	Denver, CO, 80202	PHONE NUMBER: 303 534-4600 Ext	9. FIELD and POOL or WILDCAT: GREATER ANETH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2016 FNL 1928 FEL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWNE Section: (HIP, RANGE, MERIDIAN: 08 Township: 41.0S Range: 24.0E Mย	eridian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDIC	CATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
5/21/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT			
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:
Resolute Natural R 2012. Drilling was off the well on 5-1	COMPLETED OPERATIONS. Clearly sho esources submits that the completed 4-30-12 and th 7-12. Well has started pro of 22 BOPD, 3 MCFD, and 4	he completion rig moved oducing on 5-21-12, with	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 08, 2012
NAME (PLEASE PRINT)	PHONE NUI	MBER TITLE Sr Regulatory Technician	
Sherry Glass SIGNATURE	303 573-4886	DATE	
N/A		6/5/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM											
Operator:	Resolute Natural Resources		Operator Account Number:	N 2700							
Address:	1675 Broadway, Suite 1950										
	city Denver										
	state CO	zip 80202	Phone Number:	(303) 573-4886							

County
San Juan
y Assignment fective Date
12012

API Number	Well.	Vame	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well N	lame	QQ	Sec	Тwp	Rng	County
Action Code	Current Entity Number	New Entity Number	1.	Spud Da	ite .		tity Assignment Effective Date
Comments:	<u> </u>					[

ACTION CODES:

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a PETELLED
- E Other (Explain in 'comments' section)

APR 1 1 2012

Sherry Glas

Name (Please Print) Sr Regulatory Technician

Title

4/5/2012

Date

STATE OF UTAH AMENDED REPORT FORM 8 DEPARTMENT OF NATURAL RESOURCES (highlight changes) 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING 14-20-603-368 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG Navajo Nation 1a. TYPE OF WELL: 7. UNIT or CA AGREEMENT NAME OIL Z GAS DRY OTHER Ratherford b. TYPE OF WORK: 8. WELL NAME and NUMBER: DIFF. RESVR. RE-ENTRY Ratherford Unit 8-32R OTHER 2. NAME OF OPERATOR: 9. API NUMBER: Resolute Aneth LLC 4303750025 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10 FIELD AND POOL, OR WILDCAT 1675 Broadway, Ste 1950cmy Denver STATE CO ZIP 80202 (303) 573-4886 Greater Aneth 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2016' FNL, 1928' FEL SWNE 8 41S 24E S AT TOP PRODUCING INTERVAL REPORTED BELOW: 2016' FNL, 1928' FEL 12. COUNTY 13. STATE AT TOTAL DEPTH: 2016' FNL, 1928' FEL **UTAH** San Juan 14. DATE SPUDDED: 15. DATE T.D. REACHED: 16. DATE COMPLETED: 17. ELEVATIONS (DF, RKB, RT, GL): ABANDONED ___ READY TO PRODUCE 7 4/2/2012 4/30/2012 5/21/2012 4613' GL 18. TOTAL DEPTH: MD 5.600 19. PLUG BACK T.D.: MD 20. IF MULTIPLE COMPLETIONS, HOW MANY? 21. DEPTH BRIDGE MD PLUG SET: TVD 5.600 TVΩ 22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) PDIL!COL WAS WELL CORED? NO 🗸 YES (Submit analysis) NO 🗸 WAS DST RUN? YES (Submit report) DIRECTIONAL SURVEY? NO V YES (Submit copy) 24. CASING AND LINER RECORD (Report all strings set in well) STAGE CEMENTER DEPTH **CEMENT TYPE &** SLURRY VOLUME (BBL) HOLE SIZE SIZE/GRADE WEIGHT (#/ft.) TOP (MD) BOTTOM (MD) AMOUNT PULLED CEMENT TOP ** NO. OF SACKS 14.75 10.75 **J55** 40.5 0 1,474 lita 780 261 0-CIRC 180 37 9.875 **J55** 0 174 26 5,410 510 0-CIRC 60 DV (P) 100 21 2.700 570 197 350-CALC 100 21 25. TUBING RECORD SIZE DEPTH SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) PACKER SET (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2.875 5,503 26. PRODUCING INTERVALS 27. PERFORATION RECORD FORMATION NAME TOP (MD) BOTTOM (MD) TOP (TVD) BOTTOM (TVD) INTERVAL (Top/Bot - MD) NO. HOLES PERFORATION STATUS 5,452 (A) Desert Creek IIA 5.452 Open Squeezed (B) Desert Creek III 5,560 5,560 Squeezed Open (C) Chimney Rock 5,588 5,588 Squeezed Squeezed 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND TYPE OF MATERIAL 5410-5600 Ppd 5 Bbl FW, 5 Bbls 20% HCI, Ppd 32 Bbl FW flush; wait 30 min.; Ppd 114 Bbl 20% HCI, flush 32 Bbls FW

(CONTINUED ON BACK)

GEOLOGIC REPORT

CORE ANALYSIS

29. ENCLOSED ATTACHMENTS:

(5/2000)

✓ ELECTRICAL/MECHANICAL LOGS

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION

RECEIVED

DIRECTIONAL SURVEY

DST REPORT

OTHER:

30. WELL STATUS:

Producing

IIIN 1 4 2012~

31. INITIAL PRO	DUCTION				INTI	ERVAL A (As sho	wn in item #26)					
DATE FIRST PRO 5/21/2012		TEST (5/2)	DATE: 3/2012		HOURS TESTED	o: 24	TEST PRODUCTION RATES: →	Oil881: 22	GAS – MCF: 3	WATER - 8 443		PROD. METHOD: pumping
CHOKE SIZE:	TBG, PRES	1	RESS.	API GRAVITY 39.70	BTU - GAS 1,403	GAS/OIL RATIO 136	24 HR PRODUCTION RATES: →	OIL - BBL: 22	GAS – MCF: 3	WATER - B 443		INTERVAL STATUS: open
					INT	ERVAL B (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST	DATE:		HOURS TESTED):	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER - E	BL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	S. CSG. I	RESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS MCF:	WATER - E	BBL:	INTERVAL STATUS:
					INT	ERVAL C (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST	DATE:		HOURS TESTED):	TEST PRODUCTION RATES: →	OIL – BBL:	GAS MCF:	WATER - E	BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	S. CSG.	PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	I OIL – BBL:	GAS – MCF:	WATER - E	BL:	INTERVAL STATUS:
					INT	ERVAL D (As sho	wn in item #26)					
DATE FIRST PR	ODUCED:	TEST	DATE:		HOURS TESTED);	TEST PRODUCTION RATES: →	OIL - 88L:	GAS - MCF:	WATER - E	BL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRES	s, csg.	PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	V OIL – BBL:	GAS - MCF:	WATER E	BL:	INTERVAL STATUS:
32. DISPOSITIO Sold to V			r Fuel, Ve	nted, Etc.)								
33. SUMMARY	OF POROUS	ZONES (Incl	ude Aquif	ers):			3	4. FORMATION	(Log) MARKERS:			
				reof: Cored interva i-in pressures and		n tests, including de	epth interval					
Formatic	on	Top (MD)		ottom VID)	Descrip	tions, Contents, etc	3 .		Name		(1	Top Measured Depth)
Cutler Gothic Sha Upper Ism Desert Cre Chimney F	ay eek	2,700 5,402 5,260 5,410 5,595										
TD 5600	surve ', int	y was erval	run; unde:	producir r-reamed	to a dia	meter of	10' (7" cas 10-3/4" ar le section;	nd left o	open hole			-
36. I hereby cer	tify that the f	foregoing an	d attached	d information is c	omplete and com	ect as determined	from all available rec	ords.				
NAME (PLEAS	E PRINTY S	Sherry G	lass 1	10			TITLE Sr. F	Regulatory	Technician			
SIGNATURE (EU	lery	10	llass			6/12	2/2012				
This report m	ust be sut	omitted wi	hin 30 d	days of								

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.
- **ITEM 24: Cement Top Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



The Utah Division of Oil, Gas, and Mining - State of Utah

- Department of Natural Resources



OIL, GAS & MINING Electronic Permitting System - Sundry Notices

	STATE OF UTAH		FORM 9	
	5.LEASE DESIGNATION AND SERIAL NUMBER 14-20-603-368			
SUNDRY	NOTICES AND REPOR	TS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo	
Do not use this form for proposals to d wells, or to drill horizontal laterals. Use	7.UNIT OF CA AGREEMENT NAME: RATHERFORD			
1. TYPE OF WELL Oli Well	8. WELL NAME and NUMBER: Ratherford Unit 8-32R			
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCE	9. APT NUMBER: 43037500250000			
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950 , Den	10. FIELD and POOL or WILDCAT: GREATER ANETH			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2016 FNL 1928 FEL			COUNTY: SAN JUAN	
QTR/QTR, SECTION, TOWNSHIP, R. Qtr/Qtr: SWNE Section: 08 Tow	STATE: UTAH			
11. CHECK	APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
O NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR	
	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
SUBSEQUENT REPORT	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
Date of Work Completion: 5/21/2012	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
5/21/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	☐ RECOMPLETE DIFFERENT FORMATION		
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
O DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL	
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR COM	PLETED OPERATIONS. Clearly show all perti	ent details including dates, depths, volumes	, etc.	
April 2, 2012. Dr	illing was completed 4	at the well was spud on -30-12 and the comple Il has started producing and 443 BWPD.	etion	
	acters for the box above is 900. There			
NAME (PLEASE PRINT) Sherry Glass	PHONE NU 303 573-4886	MBER TITLE Sr Regulatory Technician		
SIGNATURE N/A		DATE 6/5/2012		